UMASS
University of Massachusetts Lowell

Continuing Studies, Corporate & Distance Education
http://continuinged.uml.edu

2010
summer

online

on campus

THE BEST OF
Both Worlds

Classes Begin May 24, 2010
Undergraduate & Graduate Courses

- **NEW! Online Graduate Certificates in Information Technology!**
  See page 2.
- **See page 20 for information on our new Inn & Conference Center.**

Design: TR Design • Printed by Charles River

This Summer
PURSUE YOUR EDUCATION!
Online or On Campus!

This is a great time to advance your career or pursue new opportunities. Explore UMass Lowell's many programs & courses available on campus, online or in a blended format.

Take Advantage of Our Professional Education Programs
UMass Lowell offers working professionals the opportunity to advance their careers through high quality degrees and certificates. By drawing on the resources of both full time faculty and the finest practitioners in the field, students have access to the "Best of Both Worlds."

Take a Look at Our New Graduate Online Certificates
The University's Computer Science Department will offer two new Graduate online certificates this Summer: Systems Models and Management; and Network Security. These new certificates are designed for students interested in advanced graduate studies in Information Technology. (See our ad on this page for a listing of courses offered this Summer).

Finish Your College Education
Degree Completers: Our popular Bachelor's Degrees in Psychology, Liberal Arts, and Information Technology will provide you with the flexibility you need to pursue your goals of degree completion. Summer is a great time to accelerate your progress towards a degree.

Consider Our Blended Healthcare Programs
This Summer the School of Health & Environment will again offer its Master's Program in Health Management plus several graduate certificates in a blended format developed specifically for healthcare professionals. Please see our ad on page 20 for a listing of courses offered this Summer.

Advance Your Career with Our New Online Graduate Engineering Courses
This Summer UMass Lowell will offer two new graduate courses in Electrical & Computer Engineering (16.508-031) Quantum Electronics for Engineers and (16.576-031) Principles of Solid State Devices. See page 16 for more information.

Consider Our New Inn & Conference Center for Your Next Event
This Summer the University will host a groundbreaking conference on "Innovative Cities: Best Practices in Urban Development." See pages 7 and 20 for more information.

Pursue your professional and career goals this summer. We invite you to review the hundreds of opportunities in this bulletin and tell us how we can help you chart your course for success.

PERSONALIZED STUDENT SERVICES AVAILABLE
Continuing Education Information Session

MONDAY, APRIL 26, 2010 AT 1:00 P.M.

EARLY BIRD INFORMATION SESSION
Continuing Studies Student Support Specialists will hold an Early Bird Information Session for those who would like to learn more about our programs and financial aid. All current students and prospective students are invited to participate. These presentations will be followed by an informal question and answer period.

- Monday, April 26, 2010 at 1:00 pm

CALL THE FACULTY AND STUDENT SUPPORT CENTER TODAY AT (978) 934-2474 TO RESERVE YOUR SPACE. YOU CAN ALSO VISIT OUR WEBSITE AT HTTP://CONTINUINGED.UML.EDU TO LEARN MORE ABOUT OUR PROGRAMS.

NEW STUDENT ORIENTATION
Wednesday, May 5, 2010 at 5:00 p.m. in the Faculty & Student Support Center.

CALL (978) 934-2474 TODAY TO RESERVE YOUR SEAT!
NOTE: IF YOU ARE UNABLE TO ATTEND THIS ON CAMPUS SESSION, PLEASE SEE OUR WEBSITE FOR AN ONLINE ORIENTATION AT HTTP://CONTINUINGED.UML.EDU/GENERAL/ADVISING.HTM

Continuing Studies Student Support Specialists will hold an Early Bird Information Session for those who would like to learn more about our programs and financial aid. All current students and prospective students are invited to participate. An overview presentation will be followed by an informal question and answer period.

Are you a new Continuing Studies student? Do you have questions about registration, tuition, financial aid, applying to a degree or certificate program, etc.? Find out how easy it is to get answers to questions such as:

- How do I select a course and check for prerequisites?
- How do I register?
- Am I able to enroll in a degree or certificate program?
- When do I pay for my courses?
- Where is my classroom located?
- How do I take a course online?
- How do I use the electronic library?

Call the Faculty and Student Support Center today at (978) 934-2474 to reserve your space. You can also visit our website at **http://continuinged.uml.edu/** to learn more about our programs.

3

Certificate Programs

❧ **Our Continuing Education Certificate Programs get you one step closer to your degree, faster than you ever imagined possible.**

❧ **Six to Ten Courses to a New Career.**

❧ **Many of the certificates are available on campus or online!**

PLEASE NOTE, UMASS LOWELL ALSO OFFERS SEVERAL ONLINE GRADUATE CERTIFICATE PROGRAMS. SEE PAGE 3 FOR MORE DETAILS.

ONLINE GRADUATE Certificate Programs!

- Certificate in Behavioral Intervention in Autism
- Certificate in Clinical Pathology
- Certificate in Domestic Violence Prevention
- Certificate in Forensic Criminology
- Certificate in Foundations of Business
- Certificate in Laboratory and Biological Safety
- Certificate in Plastics Engineering
- Certificate in Security Studies

UNDERGRADUATE CERTIFICATES:

Creative Arts/Media Applications

Multimedia Applications

Available on campus and online

Use Towards a Degree in Information Technology! ★

The Multimedia Certificate Program at UMass Lowell is one of the largest, most comprehensive programs of study in multimedia available in New England. It draws upon the expertise of several departments, colleges, and centers within the University, as well as outside expertise from industry professionals. You can earn the Certificate in Multimedia Applications online or as a mix of online and on campus courses!

Required Courses: (4)

90.230	Introduction to Multimedia
90.231	Graphics for Multimedia and the Web
90.232	Desktop Video Production
90.247	Web Authoring: Adobe® Flash®

Electives *(Choose 2)*

42.221	Writing for Interactive Media
70.262	Digital Imaging and Photography: Photoshop®
70.264	Computer Graphics and Illustration
70.291	Introduction to Graphic Design
70.376	3D Computer Animation
70.377	Advanced Animation: After Effects®
70.379	Website Design: Dreamweaver®
70.384	Advanced Website Design and Development
78.201	Introduction to Audio for Multimedia and the Web
90.227	Developing Interactive Help Systems
90.238	Website Development: Microsoft® Expression® Web
90.250	E-Commerce on the Web
90.291	Introduction to DHTML
90.306	Introduction to XML
90.346	Digital Media Delivery - **NEW!**
90.347	Rich Web Development: Advanced Flash®

Graphic Design & Digital Imaging

Use Towards a Degree in Information Technology or Liberal Arts! ★

This certificate program offers students interested in breaking into graphic design and electronic publishing an innovative mix of traditional design courses along with several courses in the latest publishing technologies. From traditional graphic design to designing for multimedia and the Web, students in the program complete numerous portfolio pieces geared towards the professional market.

Required Courses: (6)

70.291	Introduction to Graphic Design
70.240	Fundamentals of Typography
70.245	Desktop Publishing: Layout and Production
70.262	Digital Imaging and Photography: Photoshop®
70.391	Advanced Graphic Design
70.400	Portfolio Production Seminar

Electives *(Choose 3)*

70.264	Computer Graphics & Illustration
70.362	Advanced Digital Imaging

70.376	3D Computer Animation
70.377	Advanced Animation: After Effects®
70.379	Website Design: Dreamweaver®
70.384	Advanced Website Design & Development
70.392	Design for Advertising
90.230	Introduction to Multimedia
90.231	Graphics for Multimedia and the Web
90.238	Website Development: Microsoft® Expression® Web
90.247	Web Authoring: Adobe® Flash®

Website Design & Development

Available online*

Use Towards a Degree in Information Technology! ★

The Certificate Program in Website Design and Development is designed to provide students with the knowledge they need to design and implement effective, dynamic websites. Students pursuing this certificate program have the option of taking either the Web Design Track or the Web Development Track, depending on their particular area of interest. You can earn the Certificate in Website Design & Development entirely online, on campus, or by taking a combination of online and on campus courses.

Website Design Track
Note: Students pursuing the Website Design Track should have basic familiarity with HTML. Those who do not have basic familiarity with HTML are encouraged to take 90.291 Introduction to DHTML as one of their electives prior to taking the required courses in this program.

Required Courses: (4)

70.379	Website Design: Dreamweaver®
70.384	Advanced Website Design & Development
90.231	Graphics for Multimedia and the Web
90.247	Web Authoring: Adobe® Flash®

Electives *(Choose 2):*

70.262**	Digital Imaging and Photography: Photoshop®
90.230	Introduction to Multimedia
90.238	Website Development: Microsoft® Expression® Web
90.248	Website Database Implementation
90.250	E-Commerce on the Web
90.291	Introduction to DHTML
90.292	Advanced DHTML
90.302	JavaScript
90.306	Introduction to XML
90.346	Digital Media Delivery - **NEW!**
90.347	Rich Web Development: Advanced Flash®
90.348	Developing Dynamic Websites with ColdFusion®

**70.262 is not currently available online.

free software

Get Free Microsoft® Developer Software when you register for certain UMass Lowell courses! Refer to the courses with the ❖ icon designating applicable courses.

For a complete list of all applicable courses and other information, please visit **http://continuinged.uml.edu/msdnaa.htm**

Website Development Track

Required Courses: (4)

90.291	Introduction to DHTML
90.238	Website Development: Microsoft® Expression® Web
90.248	Website Database Implementation
90.306	Introduction to XML

Electives *(Choose 2):****

70.379	Website Design: Dreamweaver®
70.384	Advanced Website Design and Development
90.227	Developing Interactive Help Systems
90.245	Website Server Administration
90.246	Active Server Pages .NET
90.247	Web Authoring: Adobe® Flash®
90.250	E-Commerce on the Web
90.292	Advanced DHTML
90.301	Java Programming
90.302	Java Script
90.305	Introduction to Perl
90.346	Digital Media Delivery - **NEW!**
90.347	Rich Web Development with Advanced Flash®
90.348	Developing Dynamic Websites with ColdFusion®

*Some courses may also be available on campus.
**70.262 and 70.385 are not currently available online.
***Note: Other 90.xxx courses may be substituted as electives for the Website Development Track with prior approval from the certificate program coordinator.

Contemporary Communications

Available on campus and online

Use Towards a Degree in Information Technology or Liberal Arts! ★

The Contemporary Communications Certificate is intended as an introductory certificate to prepare students for work in a rapidly changing, information-driven workplace. Students will develop skills in research, analysis, writing, graphic presentation of material, and the use of technology as a tool for communication.

Required Courses: (4 plus 2 electives)
Written Communication *(Choose 1):*

42.221	Writing for Interactive Media
42.224	Business Writing
42.226	Technical and Scientific Communication
42.300	Journalism

Computer-Based Communications *(Choose 1):*

90.160	Introduction to Information Systems
90.238	Website Development: Microsoft® Expression® Web
90.291	Intro to DHTML
91.113	Exploring the Internet

Strategic Thinking & Effective Communication *(Choose 1):*

45.202	Introduction to Logic
46.210	Media and Politics
62.201	Marketing Principles
90.250	E-Commerce on the Web
90.460	Computer Ethics

Multimedia/Graphic Design and Development *(Choose 1):*

90.291	Introduction to Graphic Design
90.230	Introduction to Multimedia
90.231	Graphics for Multimedia and the Web
90.232	Desktop Video Production

Electives *(Choose 2 not already taken):*

42.221	Writing for Interactive Media
42.224	Business Writing
42.226	Technical and Scientific Communication
42.300	Journalism

★ Many of the courses in these certificate programs can be applied towards a part-time degree. See page 6 or visit our website for more information on degrees. For information on how to apply these courses into your degree, call our Student Support Specialists at (978) 934-2474.

For more information on any of these certificate programs visit our Website at http://continuinged.uml.edu or call (978) 934-2474.

Demand for information technology workers is expected to continue its growth through 2016.

Source: Occupational Outlook Quarterly, Spring 2009

45.202	Introduction to Logic
45.205	Argumentation and Rhetoric
45.207	Corporate Communications
45.356	The History, Theory, and Practice of Rhetoric
46.210	Media and Politics
46.316	Politics and Film
62.201	Marketing Principles
70.291	Introduction to Graphic Design
90.160	Introduction to Information Systems
90.230	Introduction to Multimedia
90.231	Graphics for Multimedia and the Web
90.232	Desktop Video Production
90.238	Website Development: Microsoft® Expression® Web
90.250	E-Commerce on the Web
90.291	Intro to DHTML
90.460	Computer Ethics
91.113	Exploring the Internet

Information Technology

❯ Information Technology

Available on campus and online

Use Towards a Degree in Information Technology!★

The need for professionals with a strong information technology background will continue to increase as business, government, schools, and other organizations seek new applications for computers and networks in the workplace. This certificate is designed as an introductory program for those who want to explore a broad range of electives in different subject areas before deciding on an area of specialization.

Required Courses: (2)
90.160	Introduction to Information Systems*
90.202	Microsoft® Office*

Electives *(Choose 4):***

Programming Electives:
90.211	Introduction to Programming with C, Part I
90.212	Introduction to Programming with C, Part II
90.220	Visual Basic
90.267	C Programming
90.268	C++ Programming
90.269	Advanced C++
90.270	Visual C++
90.364	Problem Solving with C

Database Electives:
90.171	Applications Software: Microsoft® Access
90.342	Web-Enabled Database Development
90.474	Relational Database Concepts

Multimedia/Web Electives:
90.230	Introduction to Multimedia
91.113	Exploring the Internet

Additional Electives:
90.311	Introduction to the UNIX Operating System
90.312	Shell Scripting
90.461	LAN/WAN Technologies

*Students with appropriate experience can replace the required courses with any of the electives courses.

**Note: This is a partial list. For the complete list of courses that may be applied as electives, see the Continuing Studies website for computer courses with the 90. prefix, or contact the Faculty and Student Support Center at 978-934-2474.

> **NEW THIS SEMESTER!**
> 90.225 Survey of Programming Languages

❯ Data/Telecommunications

Available on campus and online

Use Towards a Degree in Information Technology!★

The Certificate Program in Data/Telecommunications trains participants for positions as entry-level network administrators, LAN technicians, and system analysts responsible for networking functions in large or small companies.

Required Courses: (5)
90.267	C Programming
90.457	Network Security
90.461	LAN/WAN Technologies
90.462	TCP/IP and Network Architecture
90.464	Network Management

Oracle professionals continue to be in high demand.

> **NEW THIS SEMESTER!**
> 90.304 Oracle Java/Web Development

❯ Database Management Technologies

Available on campus and some blended

Use Towards a Degree in Information Technology!★

The Database Management Technologies Certificate program, as part of Oracle Corporation's Academic Initiative (OAI), prepares students for the requirements and rigors of becoming an in-demand Database Administrator or Developer. Centered on the industry-leading Oracle 10g/11i™ product suite, students engage in a progressive learning experience. Hands-on skill building throughout the program will prepare students for challenging and highly rewarding positions in today's data-driven industry.

Required Courses: (4)
90.450	Database Administration I: Introduction to Oracle 10g
90.453	Database Administration II: Advanced Oracle 10g
90.454	Oracle 10g SQL Development
90.459	PL/SQL I: Introduction to Oracle 10g PL/SQL

*Note: Students with experience equivalent to any of the required courses may substitute up to two electives for the required courses, with prior approval of the program coordinator.

(Choose 3 Electives from either of the following Tracks):

Electives: Developer Track
90.304	Oracle Java/Web Development
90.448	Oracle 10g Portal Development
90.449	Oracle 10g Forms and Reports
90.467	PL/SQL II: Advanced Oracle 10g PL/SQL
90.474	Relational Database Concepts

Electives: Administrator Track
90.443	Introduction to Client/Server Computing
90.455	Database Administration III: Oracle 10g Projects
90.466	Oracle 10g Data Warehousing
90.479	Oracle 11i Applications DBA

Note: If you would like to, you may choose one elective course from one of the tracks and two elective courses from the other track, as long as you take a total of three elective courses in addition to the required courses above.

❯ UNIX®

Available on campus and online

Use Towards a Degree in Information Technology!★

The Certificate in UNIX is designed for those currently in the computer industry who want to upgrade their skills, and for those with basic computer literacy who want to enter this fast-growing field. Students learn skills that are immediately applicable in the workplace as well as C Programming, the language in which most networking software is written.

Required Courses: (4)
90.267	C Programming
90.311	Introduction to the UNIX Operating System
90.312	Shell Scripting
90.360	Introduction to Data Structures

Electives *(Choose 2):*
90.268	C++ Programming
90.269	Advanced C++
90.313	UNIX Internals Overview
90.316	UNIX System Administration
90.318	Advanced UNIX Internals/Tuning
90.319	Introduction to Linux
90.321	Linux System Administration

Now Available Entirely Online!

❯ The Certificate in Computer-Assisted Manufacturing

For those who have basic drawing experience and want to expand their knowledge in the latest industry-standard CAD software applications that are in use today. Note: students who don't have basic drawing experience must take 23.101 Engineering Graphics (on campus) or equivalent.

Required Courses: (4)
23.200	Computer Aided Drafting-AutoCAD®
23.480	Computer Aided Design-AutoDesk® Inventor
23.484	Intro to Pro|ENGINEER®
23.485	Intro to SolidWorks®

Note: see website for software/hardware requirements.

For further information contact Professor Robert Tuholski at (978) 934-2593 or email Robert_Tuholski@uml.edu

Criminal Justice

❯ Paralegal Studies

Available on campus and online

Use Towards a Degree in Criminal Justice!★

The Certificate Program in Paralegal Studies offers a unique mix of legal theory and practical skills applications. One special feature of specific interest in the program is the Paralegal Practicum, which can provide students with real-world experience in research, drafting, ethics, and client interaction. All of the courses in the certificate program may be applied to the B.S. degree in Criminal Justice, Paralegal Option.

Required Courses: (4)
41.103	Introduction to Paralegal Studies
41.370	Real Estate Law
41.387	Legal Research Methods
41.390	Litigation

Electives *(Choose 2):*
41.363	Corporate and Property Law
41.366	International Law
41.367	Environmental Law
41.376	Family Law
41.381	Women and the Law
41.383	Alternative Dispute Resolution
41.392	Wills, Trusts, and Estates
41.497	The Paralegal Practicum

❯ Security Management and Homeland Security

Available on campus and online

Use Towards a Degree in Criminal Justice!★

Since September 11th, the U.S. Department of Labor has been predicting that the employment of security management personnel will grow faster than all other occupations due to the threat of terrorism. This part-time certificate program is designed for personnel working in the areas of public safety, security management, and law enforcement; executives in corporations responsible for overseeing in-house security programs; and information technology professionals.

Required Courses: (4)
44.115	Introduction to Homeland Security
44.241	Physical Security
44.312	Security Management
90.385	Introduction to Information Security (Cyber Security)

Electives *(Choose 2):*
44.212	Weapons of Mass Destruction
44.234	Criminal Law
44.248	Terrorism
44.326	Domestic Terrorism and Hate Crimes
44.342	Criminal Profiling
44.343	Forensic Psychology
44.380	Selected Issues in Criminal Justice

> ### Additional Certificate Programs
>
> UMass Lowell also offers certificate programs in:
>
> - Land Surveying
> - Manufacturing Technology
> - Spanish and Latin American Studies
> - Plastics Technology

For more information on any of these certificate programs visit our Website at http://continuinged.uml.edu **or call** (978) 934-2474.

★ Many of the courses in these certificate programs can be applied towards a part-time degree. See page 6 or visit our website for more information on degrees. For information on how to apply these courses into your degree, call our Student Support Specialists at (978) 934-2474.

Degree Completers
Finish Your College Education!

Continuing Studies academic counselors can meet with you to review your previously completed coursework and suggest a program of study that will allow you to maximize the number of credits you can transfer into the program. The four degree programs below are part-time and are designed to allow degree completers the greatest flexibility towards achieving their goals.

"Completing my degree part-time at UMass Lowell has given me renewed confidence to take on what lies ahead. At first, I was concerned about returning to school, but when I was able to count the credits I had earned previously towards my degree, I was so happy that I didn't have to start from scratch."

Eileen Beaton, BLA Program Graduate

EARN A BACHELOR'S DEGREE IN
Psychology

One of UMass Lowell's most popular degree programs for those interested in the social sciences. The Psychology curriculum acquaints students with scientific methods and psychological studies.

For further information, visit http://continuinged.uml.edu/online/psychology

EARN A BACHELOR'S DEGREE IN
Liberal Arts

Pursue a well-balanced liberal arts education while studying two in-depth areas of concentration. Choose two of the following concentration areas:

- Psychology Concentration
- Art History Concentration
- Women's Studies Concentration
- Legal Studies Concentration
- History Concentration
- English Concentration
- Political Science

Email Continuing_Education@uml.edu or call (978) 934-2474 for our new Liberal Arts brochure. Additional information on the Bachelor's Degree in Liberal Arts can also be found at http://continuinged.uml.edu/degrees/bladegree.htm

EARN A BACHELOR'S DEGREE IN
Information Technology

"I knew I had to get a high-demand credential and that I had to do it quickly. By taking a mix of online and on-campus courses, I was able to accelerate my progress towards earning a degree in Information Technology."

Valerie Cox, Graduate

For more information on our B.S. in Information Technology, please visit our website or call the Faculty and Student Support Center at (978) 934-2474.

EARN A 2ND BACHELOR'S DEGREE IN
Information Technology

Interested in changing careers? If you already have a Bachelor's Degree and would like to pursue a second degree in Information Technology, UMass Lowell has a special program for you. Students can pursue a Second Bachelor's in IT by taking 10 additional IT courses in designated areas.

For further information, visit http://continuinged.uml.edu/degrees/2ndBSIT.htm

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UNDERGRADUATE DEGREE PROGRAMS

The following degree programs are available on a part-time, evening basis: >

COLLEGE OF ENGINEERING

Associate's Degrees
Electronic Engineering Technology
Mechanical Engineering Technology

Bachelor's Degrees
Electronic Engineering Technology
Mechanical Engineering Technology

COLLEGE OF ARTS AND SCIENCES

Associate's Degree
Information Technology

Bachelor's Degrees
Applied Mathematics
Criminal Justice
Criminal Justice: Paralegal Option
Information Technology
Information Technology: Business Minor Option
Liberal Arts
Mathematics
Mathematics: Statistics Concentration
Mathematics: Teacher Concentration
Psychology

COLLEGE OF MANAGEMENT

Associate's Degree
Management

Bachelor's Degree
Business Administration

University of Massachusetts Lowell

GRADUATE PROGRAMS

Quality. Affordable. Convenient.

Nationally accredited programs available on campus, online, or in blended formats.

> 1-800-656-GRAD

> graduate_admissions@uml.edu

For a full list of degree options and certificate programs, go to http://www.uml.edu/grad

Earn a Doctorate or Master's Degree or a Graduate Certificate in:

> Biological Sciences**
> Biomedical Engineering & Biotechnology +
> Business Administration (M.B.A.)**
> Chemical Engineering** +
> Chemistry** +
> Civil Engineering** +
> Clinical Laboratory Sciences**
> Community Social Psychology**
> Computer Engineering** +
> Computer Science** +
> Criminal Justice**
> Economic and Social Development of Regions**
> Education +
> Electrical Engineering** +
> Energy Engineering** +
> Environmental Studies**

> Health Management Policy**
> Innovation & Technological Entrepreneurship NEW**
> Marine Sciences & Technology** +
> Mathematics**
> Mechanical Engineering** +
> Music Education
> Nursing +
> Physical Therapy (doctoral only) +
> Physics** +
> Plastics Engineering** +
> Radiological Sciences and Protection**
> Mathematics**
> Sound Recording Technology**
> Work Environment** +

** Non-Thesis, Coursework Only Master's Degree Options Available
+ Doctoral Program Available

Groundbreaking Conference to be Held in Lowell, MA!

Innovative Cities:
Best Practices in Urban Development

June 17-19, 2010

Learn about best practices in place at six model cities:

Ann Arbor
Michigan

Asheville
North Carolina

Milwaukee
Wisconsin

Portland
Oregon

Lowell
Massachusetts

Belfast
Northern Ireland

Visit www.innovativecitiesconference.com for details and to register!

Presented by the University of Massachusetts Lowell, Middlesex Community College, The Lowell Plan, and Lowell National Historical Park.

UMass Lowell is now a PMI® approved Registered Education Provider

For additional information, visit http://continuinged.uml.edu/corporate/projectmanagementcertificate.htm

Project Management Noncredit Certificate* SUMMER 2010 To register call (978) 934-2405!

REQUIRED SEMINARS

Project Management: Planning and Scheduling

CRS #00.608-043
Two Days; Meets 9 am-4 pm;
Thursday/Friday, May 13, 14
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

Project Management: Resources and Budgeting
CRS #00.609-043
Two Days; Meets 9 am-4 pm;
Thursday/Friday, June 10, 11
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

Risk Management
CRS #00.614-043
Two Days; Meets 9 am-4 pm;
Thursday/Friday, June 24, 25
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

ELECTIVES SEMINARS (Choose 3)

Project Management Boot Camp
CRS #00.613-042
One Day; Meets 9 am-4 pm; Friday, May 7
Held on Lowell Campus; Tuition: $475;
CEUs: .7; PDUs: 7

Microsoft® Project 2007
CRS #00.610-042
Two Days; Meets 9 am-4 pm;
Wednesday/Thursday, May 26, 27
Held on Lowell Campus; Tuition: $850;
CEUs: 1.4; PDUs: 14

NEW!
Communication & Team Management
CRS #00.626-041
Two Days; Meets 9 am-4 pm:
Thursday/Friday, April 8, 9
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

Effective Organizational Skills
CRS # 00.617-041
One Day; Meets 9 am-4 pm; Friday, April 30
Held on Lowell Campus, Tuition: $475;
CEUs: .7; PDUs: 7

Negotiation Skills
CRS #00.618-041
Two Days; Meets 9 am-4 pm;
Thursday/Friday; May 20, 21
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

Leadership Skills
CRS #00.616-041
One Day; Meets 9 am-4 pm; Friday, June 18
Held on Lowell Campus; Tuition: $475;
CEUs: .7; PDUs: 7

Project Management Capstone Seminar
CRS #00.623-041
Two Days; Meets 9 am-4 pm;
Wednesday/Thursday, June 30, July 1
Held on Lowell Campus; Tuition: $775;
CEUs: 1.4; PDUs: 14

Conflict Resolution
CRS # 00.624-041
Two Evenings; Meets 6 pm-9:30 pm;
Wednesdays, May 5, 12
Held on Lowell Campus, Tuition: $475;
CEUs: .7; PDUs: 7

OPTIONAL SEMINAR

PMP Exam Preparation
CRS # 00.621-042
Four Evenings: Meets 6 pm-9:30 pm;
Tuesday/Thursday; June 8, 10, 15, 17
Held on Lowell Campus; Tuition: $525;
CEUs: 1.4; PDUs: 14

Conflict Resolution
CRS # 00.624-041
Two Evenings; Meets 6 pm-9:30 pm; Offered
Summer 2010
Held on Lowell Campus, Tuition: $475;
CEUs: .7; PDUs: 7

Customized Training is Available
TO MEET YOUR COMPANY'S BUSINESS NEEDS —
Call (978) 934-2144 for details!

* Learn how you can apply these seminars towards a project management certificate by visiting our website at **http://continuinged.uml.edu**. Seminars may be taken individually or applied towards a project management certificate. For a project management brochure call (978) 934-2473. **Courses can also be offered onsite at your company.**

BIOPHARMACEUTICAL TRAINING

- Biopharmaceutical Process Development—An Overview, June 2, 9 am-Noon; $500
- Cell Line Generation, June 2, 1-4 pm; $500
- Cell Culture/Fermentation, June 3, 9 am-Noon; $500
- Protein Purification I, June 3, 1-4 pm; $500
- Protein Purification II, June 4, 9 am-Noon; $500
- Protein Characterization/Analysis, June 4, 1-4pm; $500

Register for all six sessions and save 40% off the total!
Use course #00.630-041 and pay just $1800 for all six sessions.

Analytical Development and Characterization of Protein Therapeutics

- From Amino Acids to Functional Proteins, June 16, 9 am-3:30 pm; Crs#00.921-041; Tuition: $800
- Biochemical, Biophysical and Mass Spectrometric Technologies and their Applications in Biopharmaceutical Analysis and Characterization, June 17, 9 am-3:30 pm; Crs#00.922-041; Tuition: $800
- Case Studies, June 18, 9 am-3:30 pm; Crs#00.923-041; Tuition: $800

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May 24–June 30
Summer Session I

Day Classes begin on May 24 and meet Monday through Thursday for 3-credit courses and meet Monday through Friday for 4-credit courses.

M/W Evening Classes begin on May 24 and include 2 FRIDAYS: June 4 and June18 at the regularly scheduled hours.

T/Th Evening Classes begin on May 25 and include 2 FRIDAYS: June 11 and June 25 at the regularly scheduled hours.

Reminder: This course listing combines the University of Massachusetts Lowell day school courses and the continuing studies courses. It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ACCOUNTING							
2063	60.201-011	Accounting/Financial (Course ends July 1)	T/Th	6:00-9:15 pm	3		Department Faculty
2223	60.201-061	Accounting/Financial	⟩ Online Course		3		Clairmont Carter
2065	60.202-011	Accounting/Managerial (Course ends July 1)	T/Th	6:00-9:15 pm	3	P: 60.201	Lisa Andrusaitis
3081	60.202-012	Accounting/Managerial (Course ends July 1)	T/Th	6:00-9:15 pm	3	P: 60.201	Mary Ellen Morris
3083	60.301-011*	Intermediate Accounting I (Course ends July 2)	M/W	6:00-9:15 pm	3	P:60.202; BSBA students and COM Dean permission	Stefanie Tate
3035	60.302-011*	Intermediate Accounting II (Course ends July 2)	M/W	6:00-9:15 pm	3	P: 60.301; BSBA students and COM Dean permission	Janie Casello-Bouges
2525	60.331-011*	Cost Management Systems	T/Th	6:00-9:15 pm	3	P: 60.202; BSBA students (non-Accounting majors) and COM Dean permission	Laura Christiansen

Before registering for all 300/400-level College of Management courses, students must meet all prerequisites and submit a "College of Management Dean Permission Request Form." Please visit http://continuinged.uml.edu/general/information.htm to fill out the form online.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ART/COMPUTER GRAPHICS							
3694	70.262-011	Digital Imaging and Photography: Photoshop	M/Th	10:30 am-12:45 pm	3		Jacob Nazarian
3697	70.372-011	2-D Animation	M/Th	11:00 am-3:15 pm	3		Janet Benn
3696	70.374-011	Introduction to 3-D Modeling and Animation	T/Th	6:00-9:15 pm	3		Janet Benn
3704	70.291-011	Introduction to Graphic Design Development (5/26-7/31/09)	M/W	6:00-9:30 pm	3	Basic Mac or Windows proficiency	Mark Hartshorn
2243	70.379-061	Website Design: Macromedia® Dreamweaver®	⟩ Online Course		3	P: Basic HTML and Photoshop familiarity; req. Dreamweaver and Photoshop CS3 or 4	Christopher Perry
2345	70.384-061	Advanced Website Design and Development	⟩ Online Course		3	P: 70.379; req. Dreamweaver CS3 or CS4	Christopher Perry

Note: While the above courses will not transfer directly into the Art Department's Bachelor of Fine Arts Day School degree program, certain two-course clusters may be accepted for transfer upon prior department approval.
CERTIFICATE IN GRAPHIC DESIGN AND DIGITAL IMAGING (See page 4 for required courses.)
CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 4 for required courses.)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ART HISTORY							
2335	58.101-011	Art Appreciation	M/W	7:00-10:15 pm	3	AHD	Department Faculty
3634	58.101-061	Art Appreciation	⟩ Online Course		3	AHD	Julie Sawyer
3698	58.203-061	History of Art: Prehistoric to Medieval	⟩ Online Course		3	AHD	Liana Cheney
2781	58.204-061	History of Art II: Renaissance to Modern Art	⟩ Online Course		3	AHD	Department Faculty
3635	58.321-061	Italian Renaissance Art	⟩ Online Course		3	AH	Liana Cheney
BIOLOGICAL SCIENCES							
2513	83.101-011	Life Science I	T/Th	6:00-9:15 pm	3	SCL	Phuong-son Nguyen
2977	83.106-061	Human Biology	⟩ Online Course		3	SC	Gail Skinner-Brassard
3580	83.110-011	Microbes and Society: Good, Bad and Ugly	M/W	6:00-9:15 pm	3		Ekaterina Vorotnikova
2249	83.214-061	Human Ecology	⟩ Online Course		3	SCL	Priscilla Mattson
2251	83.214-062	Human Ecology	⟩ Online Course		3	SCL	Priscilla Mattson
CHEMISTRY							
2253	84.101-061	Applied Chemistry for Non-Scientists	⟩ Online Course		3	SCL	Philip Lamprey
2255	84.101-062	Applied Chemistry for Non-Scientists	⟩ Online Course		3	SCL	Philip Lamprey
3699	84.102-031	Forensic Science for the Non-Scientist	⟩ Online Course		3	SCL	Eugene Barry
2081	84.111-011	General Chemistry I	T/Th	7:00-10:15 pm	3	C: 84.113; SCL	Daniel Lavoie
2083	84.113-011	General Chemistry Laboratory I	T/Th	3:30-6:45 pm	1 (3)	C: 84.111; SCL	Paul Damour
2085	84.121-011	Chemistry I (IA)	M/W	7:00-10:15 pm	3		Stephen Theberge
2087	84.122-011	Chemistry II (IA)	M/W	7:00-10:15 pm	3	P: 84.121; C: 84.124; SCL	Kim Shih
2089	84.123-011	Chemistry I Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.121 SCL	Paul Damour
2479	84.123-012	Chemistry I Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.121 SCL	Daniel Pyburn
2091	84.124-011	Chemistry II Laboratory	T/Th	7:00-10:15 pm	1 (3)	C: 84.122; SCL	Theodore Coletta
2093	84.221-011	Organic Chemistry IA	M/T/Th	2:45-5:15 pm	3	P: 84.122; C: 84.229	Gene Davis
2095	84.221-012	Organic Chemistry IA	T/Th	7:00-10:15 pm	3	P: 84.122; C: 84.229	Gene Davis
2097	84.229-011	Organic Chemistry IA Laboratory	M/W	6:00-10:15 pm	1 (4)	C: 84.221	Hongning Fu
2099	84.229-012	Organic Chemistry IA Laboratory	T/Th	6:00-10:15 pm	1 (4)	C: 84.221	Hongning Fu
CINEMA							

(See courses listed under Cultural Studies and Languages)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
CIVIL ENGINEERING TECHNOLOGY							
3638	15.132-011	Environmental Chemistry II	M/W	7:00-10:15 pm	3	P: 15.131	Charles Panagiotakos
3639	15.152-011	Water Biology	T/TH	7:00-10:15 pm	3		Therese Champigny
CIVIL ENGINEERING							
2457	14.204-011	Strength of Materials (alternate 22.212)	M-Th	8:00-10:15 am	3	P: 14.203	John McKelliget

CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 5 for required courses.)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
COMPUTER SCIENCE							
2933	91.113-011	Exploring the Internet	T/Th	5:30-8:45 pm	3	Non-CS Majors only	Jie Yang
3735	91.113-061	Exploring the Internet	⟩ Online Course		3	Non-CS Majors only	Jose Annunziato
3642	91.404-021	Analysis of Algorithms (5/24-8/13/10)	Tues	5:30-8:30 pm	3		Zheng Fang
3705	94.301-021*	Organization of Programming Languages (5/24-8/13)	Tues	5:30-8:30 pm	3		Krishnan Seetharaman

*Requires permission of Graduate Computer Science Coordinator

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
CRIMINAL JUSTICE							
2783	44.101-011	Criminal Justice System	M/W	6:00-9:15 pm	3		Steven Sacco
2649	44.115-061	Introduction to Homeland Security	⟩ Online Course		3		Robert Sojka
3563	44.212-061	Weapons of Mass Destruction	⟩ Online Course		3		Brian LeBlanc
2567	44.221-011	Criminology I	T/Th	6:00-9:15 pm	3		Joseph Burke
2785	44.233-011	Criminal Procedure	M-Th	8:00-10:15 am	3		David McCauley
2787	44.234-011	Criminal Law	M-Th	10:30 am-12:45 pm	3		Stephen Saravara
2561	44.241-061	Physical Security	⟩ Online Course		3		Gail Beaudoin
2563	44.248-061	Terrorism (International and Domestic)	M-Th	1:00-3:15 pm	3		Ofer Zmiri
2789	44.248-061	Terrorism (International and Domestic)	⟩ Online Course		3		Allan Roscoe
2715	44.312-011	Security Management	M-Th	1:00-3:15 pm	3		Stephen Saravara
2651	44.326-061	Hate Crime	⟩ Online Course		3		Richard Lumb
2565	44.343-061	Forensic Psychology	⟩ Online Course		3		Denise Hines
2663	44.360-061	Gender, Race and Crime	⟩ Online Course		3		Gail Beaudoin
3564	44.370-011	Criminal Justice Management	T/Th	6:00-9:15 pm	3		Frank Mazzaglia
2739	44.387-061	Criminal Mind and Behavior	⟩ Online Course		3		Ellsworth Fersch
2791	44.390-011	Criminal Justice Research Methods	T/Th	6:00-9:15 pm	3		Karin Tusinski Miofsky
2339	44.395-011	Statistics in Criminal Justice	M-Th	8:00-10:15 am	3		Jacob Stowell

See our Website at http://continuinged.uml.edu

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
3565	44.397-011	Crime Mapping	M-Th	10:30 am-12:45 pm	3		Jacob Stowell
2717	44.496-011	Criminal Justice Internship	TBA	TBA	3	Email instructor at Gail_Beaudoin@uml.edu to arrange for an appointment.	Gail Beaudoin

For permission numbers and questions regarding the Undergraduate Criminal Justice Program, please email Kathleen_Roscoe@uml.edu.
CERTIFICATE IN PARALEGAL STUDIES
CERTIFICATE IN SECURITY MANAGEMENT AND HOMELAND SECURITY (See page 5 for required courses.)

CULTURAL STUDIES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2335	58.101-011	Art Appreciation	M/W	7:00-10:15 pm	3	AHD	Department Faculty
3634	58.101-061	Art Appreciation	> Online Course		3	AHD	Julie Sawyer
3706	59.203-061	History of Art: Prehistoric to Medieval	> Online Course		3	AHD	Liana Cheney
2797	59.204-061	History of Art II: Renaissance to Modern Art	> Online Course		3	AHD	Department Faculty
3636	59.421-061	Italian Renaissance Art	> Online Course		3		Liana Cheney

ECONOMICS

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2049	49.201-011	Economics I (Microeconomics)	M/W	6:00-9:15 pm	3	P: 90.111; SS	Harjeet Khosla
2201	49.201-061	Economics I (Microeconomics)	> Online Course		3	P: 90.111; SS	Michael Carter
2203	49.201-062	Economics I (Microeconomics)	> Online Course		3	P: 90.111; SS	David Kingsley
2630	49.201-063	Economics I (Microeconomics)	> Online Course		3	P: 90.111; SS	David Kingsley
2051	49.202-011	Economics II (Macroeconomics)	T/Th	6:00-9:15 pm	3	P: 90.111; SS	Patricia Machado
2207	49.202-061	Economics II (Macroeconomics)	> Online Course		3	P: 90.111; SS	Michael Carter
2209	49.202-062	Economics II (Macroeconomics)	> Online Course		3	P: 90.111; SS	Nurul Aman
2533	49.202-063	Economics II (Macroeconomics)	> Online Course		3	P: 90.111; SS	Muhammad Anwar
2053	49.211-011	Statistics I	T/Th	6:00-9:15 pm	3	P: 92.122 or equivalent; SS	Harjeet Khosla
2363	49.325-061	United States Economic History	> Online Course		3	P: 49.201 or 49.202; SSD	Carol McDonough

ELECTRICAL AND COMPUTER ENGINEERING

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2799	16.201-011	Circuit Theory I	M/W	9:00 am-12:15 pm	3	P: C or better in 92.132	Tenneti Rao
3586	16.360-011	Electromagnetics I	M/W	1:00-4:15 pm	3	P: 16.202	Xingwei Wang
3587	16.365-011	Electronics I	T/Th	2:00-5:15 pm	3	P: 16.202, 95.144, 92.231	Mufeed Mah'd
1999	16.428-011	Alternative Energy Sources	M/W	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
2001	16.429-011	Electric Vehicle Technology	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
2801	16.431-011	RF Design I	T/Th	6:00-9:15 pm	3	P: Instructor permission	Tenneti Rao
3589	16.474-031	Principles of Solid State Devices	> Online Course		3	P: 16.365	Craig Armiento

ENGLISH

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2019	42.101-011	College Writing I	M-Th	8:00-10:15 am	3		Daniel Graffeo
2805	42.101-012	College Writing I	M/W	7:00-10:15 pm	3	P: Requires MS Word	Sam Ruddick
3649	42.101-013	College Writing I	M-Th	12:30-2:45 pm	3	P: Requires MS Word	Sara Backer
2153	42.101-061	College Writing I	> Online Course		3	P: Requires MS Word	Richard Keating
2707	42.101-062	College Writing I	> Online Course		3	P: Requires MS Word	Erin Bingman
2369	42.102-011	College Writing II	T/Th	7:00-10:15 pm	3	P: 42.101	Thomas Hersey
3664	42.102-012	College Writing II	T/Th	7:00-10:15 pm	3	P: 42.101	Alison Harriman
2157	42.102-061	College Writing II	> Online Course		3	P: 42.101; requires MS Word	Marialana Salamone
2481	42.102-062	College Writing II	> Online Course		3	P: 42.101; requires MS Word	Marialana Salamone
2807	42.102-063	College Writing II	> Online Course		3	P: 42.101; requires MS Word	Guy Peartree
3651	42.102-064	College Writing II	> Online Course		3	P: 42.101; requires MS Word	Guy Peartree
3654	42.211-011	Poetry	M-Th	8:00-10:15 am	3	P: 42.102; AH	Thomas Schaefer
2161	42.212-061	The Short Story	> Online Course		3	P: 42.102; AH; requires MS Word	Claudine Perreault
2021	42.212-062	The Short Story	> Online Course		3	P: 42.102; AH; requires MS Word	Jeffrey VanderVeen
2557	42.216-061	Monsters, Apes and Nightmares	> Online Course		3	P: 42.102	Todd Avery
3700	42.216-062	Monsters, Apes and Nightmares	> Online Course		3:	P: 42.102	Todd Avery
2023	42.217-011	The Horror Story	T/Th	7:00-10:15 pm	3	P: 42.102; AH	Department Faculty
2371	42.217-061	The Horror Story	> Online Course		3	P: 42.102; AH; requires MS Word	Lisa Mahoney
2373	42.217-062	The Horror Story	> Online Course		3	P: 42.102; AH; requires MS Word	Lisa Mahoney
2809	42.222-011	Oral Communication	M/W	7:00-10:15 pm	3	P: 42.102; AH	Rita Sullivan
2167	42.224-061*	Business Writing	> Online Course		3	P: 42.102; requires MSWord	Nancy Brown
2337	42.224-062*	Business Writing	> Online Course		3	P: 42.102; requires MS Word	Nancy Brown
2375	42.226-061*	Technical and Scientific Communication	> Online Course		3	P: 42.102; requires MS Word	Peter Payack
3652	42.253-031	Culture of American Sport	> Online Course		3	P: 42.102	Carl Mason
2377	42.291-061	History of English Literature I	> Online Course		3	P: 42.102; AH	Jonathan Martin
2813	42.295-061	History of American Literature II	> Online Course		3	P: 42.102; AH	Sean McPherson
2641	42.298-011	Children's Literature	M-Th	12:30-2:45 pm	3	P: 42.102; AH	Kathy Doherty
2743	42.302-061	Creative Writing: Fiction	> Online Course		3	P: 42.102; requires MS Word; requires MS Word and a headset	Lori Grace
2853	42.320.061	Personal and Reflective Writing	> Online Course		3	P: 42.102	Claudine Perreault
2643	42.341-061	Studies in Film	> Online Course		3	P: 42.102; AH; requires MS Word	Michael Miller
3732	42.341-062	Studies in Film	> Online Course		3	P: 42.102; AH; requires MS Word	Michael Miller
2535	42.349-061	Arthurian Literature	> Online Course		3	P: 42.102; AH; requires MS Word	Charles Archer
3655	42.351-061	Literature of the Middle Ages	> Online Course		3	P: 42.102; Requires MS Word	Jonathan Martin
2559	42.402-011	Topics in Writing: Screenwriting	M/W	7:00-10:15 pm	3	P: 42.102	Richard Farrell
2911	42.413-021	Advanced Software Writing (5/24-8/13)	Tues	6:00-9:00 pm	3	P: 42.412	Stephen Murphy

* Students will not receive credit for both 42.224 and 42.226.
CERTIFICATE IN TECHNICAL WRITING

ENVIRONMENTAL SCIENCE

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2101	87.115-011	Astronomy	T/Th	7:00-10:15 pm	3	SCL	Arnold O'Brien
2103	87.117-011	Astronomy Lab	M/W	7:00-9:15 pm	1 (2)	SCL	Arnold O'Brien

GRAPHIC DESIGN AND DIGITAL IMAGING

(See courses listed under Art and Information Technology)
CERTIFICATE IN GRAPHIC DESIGN AND DIGITAL IMAGING (See page 4 for required courses.)

HEALTH

(See also Nursing)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2711	30.315-011	Kinesiology	T/Th	10:30 am-12:45 pm	3	P: For non-Exercise Physiology majors only	Keith Hallbourg
3721	31.200-011	Children's Health Issues	M/W	6:00-9:15 pm	3		Pauline Ladebauche
2379	31.201-061	Community Health and Environment	> Online Course		3	Open to all students	Nicole Champagne
2381	35.101-011	Human Anatomy and Physiology I	T/Th	6:15-9:30 pm	3	C: 35.103; SCL	Paul Fierimonte
2009	35.103-011	Human Anatomy and Physiology Laboratory I	T/W/Th	2:00-5:00 pm	1 (3)	C: 35.101; SCL	Emily Hyren
2601	35.206-011	Human Nutrition	T/Th	6:00-9:15 pm	3		Tim Kotyla
2011	36.350-011	Human Biochemistry	M-Th	10:30 am-12:45 pm	3	P: 35.252 or equivalent	Thomas Wilson
2947	38.420-011	Advanced Study in Exercise Physiology	M/W	10:30 am-12:45 pm	3	P: For non-Exercise Physiology seniors only	Sean Collins

CERTIFICATE IN NUTRITION

HISTORY

(See also Art History)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
3702	43.105-011	Western Civilization I	M/W	6:00-9:15 pm	3	AHD	Andrew Drenas
2173	43.107-061	World History I	> Online Course		3		David Kalivas
2027	43.111-011	U.S. History to 1877	M/W	6:00-9:15 pm	3	AHD	Diane Lewis
2815	43.225-031	Ancient Greek History	> Online Course		3		Jack O'Connor
3679	43.237-011	Europe in the Twentieth Century	M-Th	3:30-5:45 pm	3		Leonid Blickstein
2383	43.242-031	World War II	> Online Course		3	Requires proctored exams	Donald Mattheisen
2385	43.274-061	Native American History	> Online Course		3		Diane Lewis
2817	43.275-011	African-American History	M/W	7:00-10:15 pm	3		Gregory Washington
2903	43.321-031	The Holocaust	> Online Course		3		W. Scott Hoerle
2467	43.350-011	Colonial America: History and Culture	T/Th	6:00-9:15 pm	3	AHD	Harry Hubbard
2029	43.365-011	United States History Since 1960	T/Th	6:00-9:15 pm	3		Stephen Russell
3569	43.369-011	Russia in the Nineteenth and Twentieth Centuries	M-Th	1:00-3:15 pm	3		Leonid Blickstein

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor

INFORMATION TECHNOLOGY

(Including Multimedia and Computer Graphics)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite / C: Corequisite/Comments	Instructor
2387	90.160-061	Introduction to Information Systems	⋗ Online Course		3	TN	Lisa Panagopoulos
2753	90.160-062	Introduction to Information Systems	⋗ Online Course		3	TN	Andrew Garside
2271	90.180-061	Applications Software: Microsoft® Excel	⋗ Online Course		3	P: 90.202 or equivalent; requires MS® Excel 2007	Robin Desmond
2701	90.202-011	Microsoft® Office	T/Th	6:00-9:15 pm	3	Requires MS® Office® 2007	Terry Bass
2389	90.202-061	Microsoft® Office	⋗ Online Course		3	Requires MS Office 2007	Robin Desmond
3727	90.202-062	Microsoft® Office	⋗ Online Course		3	Requires MS Office 2007	Terry Bass
2275	90.211-061*	Introduction to Programming with C Part I	⋗ Online Course		3	No previous prog. experience required; ANSI C/C++ standard compiler required	James Sears
2277	90.212-061*	Introduction to Programming with C - Part II	⋗ Online Course		3	P: 90.211; requires ANSI C/C++ standard compiler	James Sears
2391	90.220-061	Visual Basic®	⋗ Online Course		3	Requires Visual Studio .NET	Joseph Russell
TBA	90.225-031 NEW! Survey of Programming Languages		⋗ Online Course		3		Timothy Niesen
2741	90.230-031	Introduction to Multimedia	⋗ Online Course		3	P: Basic Mac or Windows proficiency	Robert Graham
2615	90.231-061	Graphics for Multimedia and the World Wide Web/Windows	⋗ Online Course		3	P: 90.230; requires Photoshop 5.0 or higher; access to a scanner	Randy Howe
2679	90.232-061	Desktop Video Production	⋗ Online Course		3	P: 90.230; requires Adobe Premiere Elements 8.0 for the PC, or Final Cut Express for the Mac; familiarity with FTP software helpful	Michael Lucas
2393	90.238-061	Website Development: Microsoft Expression Web/Windows	⋗ Online Course		3	P: 90.291; 90.231 recommended; requires MS Expression Web	Judith Feeney
2279	90.247-061	Web Authoring: Flash	⋗ Online Course		3	P: 90.291, 90.302 or prog. familiarity; requires Adobe® Flash® CS4 (CS3 acceptable)	Beatrice Lee
2745	90.248-061	Website Database Implementation	⋗ Online Course		3		Marc Cobery
2819	90.250-031	E-Commerce on the Web	⋗ Online Course		3		Robert Graham
2577	90.267-061*	C Programming	⋗ Online Course		3	P: Previous programming experience; requires Ansi C/C++ compiler software	Timothy Niesen
2283	90.268-061	C++ Programming	⋗ Online Course		3	P: 90.267 or 90.212; requires C++ compiler software	Lance Smith
2395	90.270-061	Visual C++.Net	⋗ Online Course		3	P: 90.268; requires Visual Studio .NET	Barbara Bancroft
3707	90.271-031	C# Programming	⋗ Online Course		3		John Puopolo
2397	90.291-061	Introduction to DHTML	⋗ Online Course		3		William Dubie
2399	90.292-061	Advanced DHTML	⋗ Online Course		3	P: 90.291	Isobel Davis
2401	90.297-061	Introduction to Java Programming	⋗ Online Course		3	P: Previous programming experience required; req. J2SE Development Kit (JDK) 6.0	Lance Smith
2583	90.301-011	Java™ Programming/Windows	⋗ Online Course		3	P: 90.297 or 90.268	Elizabeth Kramer
2403	90.302-061	JavaScript	⋗ Online Course		3	P: 90.291 or knowledge of HTML	David Sciuto
3708	90.304-011	Oracle Java/Web Development	T/Th	7:00-10:15 pm	3		Leon Xia
2405	90.305-061	Introduction to Perl	⋗ Online Course		3	P: 90.267	Gregory Rushton
2285	90.306-061	Introduction to XML	⋗ Online Course		3	P: 90.291; requires XMLWriter or Oxygen edition	David Sciuto
2407	90.311-061	Introduction to the UNIX Operating System	⋗ Online Course		3		Fred Vegliante
2409	90.312-061	Shell Scripting	⋗ Online Course		3	P: 90.311, and 90.267 or 90.212	Michael Richards
2587	90.316-061	UNIX System Administration	⋗ Online Course		3	P: 90.312	Michael Richards
2411	90.319-061	Introduction to Linux® Programming	⋗ Online Course		3	P: Requires Fedora Core 13 or Ubuntu Lucid	C. Justin Seiferth
2413	90.321-061	Linux System Administration	⋗ Online Course		3	P: Shell Scripting experience; required software included with text	Barbara Bancroft
3709	90.346-031 NEW! Digital Media Delivery		⋗ Online Course		3	P: Basic understanding of HTML and FTP; basic Internet headset/microphone required	Michael Lucas
2589	90.364-031	Problem Solving with C	⋗ Online Course		3	P: 90.212 or 90.267; requires Ansi C/C++ software	Sean McGowan
TBA	90.385-061	Introduction to Information Security	⋗ Online Course		3	P: 90.160 and 90.202, or equivalent	William Vales
2591	90.443-011	Fundamentals of Client/Server Computing	T/Th	6:00-9:15 pm	3		Umesh Bhargava
2945	90.454-011	Oracle 10g SQL Development	M/W	7:00-10:15 pm	3		Jeffrey Yang
2287	90.460-061	Computer Ethics	⋗ Online Course		3		Sean McGowan
2593	90.461-011	LAN/WAN Technologies	T/Th	6:00-9:15 pm	3	P: 90.267 or previous prog. experience	Jaime Fernandez
2289	90.461-061	LAN/WAN Technologies	⋗ Online Course		3	P: 90.267 or previous prog. experience	Edwin Barnes
2291	90.462-061	TCP/IP and Network Architecture	⋗ Online Course		3	P: 90.461	Edwin Barnes
2595	90.474-031	Relational Database Concepts	⋗ Online Course		3	P: 90.267	Robert Demers
2627	90.480-031	Project-Based Information Systems	⋗ Online Course		6	P: Junior status; can be used to replace the sequence of 90.477 and 90.478; requires MS Power Point or OpenOffice	Jon Forsyth
2937	90.480-032	Project-Based Information Systems	⋗ Online Course		6	P: Junior status; can be used to replace the sequence of 90.477 and 90.478; requires MS Power Point or OpenOffice	Jon Forsyth

*Students will not receive credit for both 90.267 and the 90.211/90.212 sequence.
CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (See page 4 for required courses.)
CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 5 for required courses.)
CERTIFICATE IN DATA/TELECOMMUNICATIONS (See page 5 for required courses.)
CERTIFICATE IN INFORMATION TECHNOLOGY (See page 5 for required courses.)
CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 4 for required courses.)
CERTIFICATE IN UNIX (See page 5 for required courses.)
CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 4 for required courses.)

LANGUAGES

(See also Cultural Studies)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite / C: Corequisite/Comments	Instructor
2527	50.102-011	French 2 and Culture	M/W	7:00-10:15 pm	3	P: 50.101 or equivalent	Danielle Boutwell
2055	50.211-011	French 3 and Culture	T/Th	7:00-10:15 pm	3	P: 50.102 or equivalent	Department Faculty
2981	52.378-011	Italian Cinema and Culture	T/Th	7:00-10:15 pm	3	AH	Giulia Po
2057	54.101-061	Spanish 1 and Culture	⋗ Online Course		3	Requires headset	Kimberly Vitchkoski
2215	54.102-011	Spanish 2 and Culture	T/Th	7:00-10:15 pm	3	P: 54.101 or equivalent; requires headset	Ana Cristina Ramirez
2607	54.102-061	Spanish 2 and Culture	⋗ Online Course		3	P: 54.101 or equivalent; requires headset	Kimberly Vitchkoski
2061	54.211-061	Spanish 3 and Culture	⋗ Online Course		3	P: 54.102 or equivalent; requires headset	Maria Matz
2221	54.212-061	Spanish 4 and Culture	⋗ Online Course		3	P: 54.211 or equivalent	Maria Matz
3725	54.401-061	Spanish Selected Authors	⋗ Online Course		3		Francisca Gonzalez-Arias

CERTIFICATE IN SPANISH AND LATIN AMERICAN STUDIES

LEGAL STUDIES

(See also Paralegal Studies)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite / C: Corequisite/Comments	Instructor
2415	41.262-011	Introduction to Business Law	M/W	6:00-9:15 pm	3	SS	William Burke
2549	41.363-011	Corporate and Property Law	M/W	6:30-9:45 pm	3		Eugene Reardon
2461	41.366-061	International Law	⋗ Online Course		3		Bernard Cookson
3710	41.367-011	Environmental Law	T/Th	6:00-9:15 pm	3		William Burke
2151	41.370-061	Real Estate Law	⋗ Online Course		3		Patricia Sullivan Talty
3558	41.372-011	Sports and Entertainment Law	T/Th	6:30-9:45 pm	3		Michael Jones
2015	41.376-011	Family Law	T/Th	7:00-10:15 pm	3		Russell Karl
2605	41.376-061	Family Law	⋗ Online Course		3	Requires proctored exams; microphone or headset recommended	Russell Karl
2439	41.381-061	Women and the Law	⋗ Online Course		3	Requires MS Word	Donna Zils Banfield
2529	41.387-061	Legal Research Methods	⋗ Online Course		3	Law library access required	Martha Lipchitz O'Connor
3557	41.390-011	Litigation	T/Th	6:30-9:45 pm	3		Michael Martell
2865	41.392-061	Wills, Trusts and Estates	⋗ Online Course		3		Walter Toomey
3559	41.490-061	Legal Issues in Cyberspace	⋗ Online Course		3		Walter Toomey
2017	41.497-011	The Paralegal Practicum	TBA	TBA	3	P: Minimum of three paralegal courses and permission of Prof. William Burke, Coordinator, Legal Studies; call (978) 934-2765	William Burke

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor

MANAGEMENT

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2697	61.300-031*	Investments (5/24-7/17/10)	⊱Online Course		3	COM filter courses and COM Dean perm.	Frank Andrews
2733	61.301-061*	Business Finance	⊱Online Course		3	P: 60.201, 49.201, 49.202; COM filter courses, BSBA major or Business Minor/BSIT/ASIT with 54+ credits and COM Dean permission	Yash Puri
2419	61.303-061*	Methods of Financial Analysis	⊱Online Course		3	P: 61.301, BSBA majors and COM Dean. permission	Ravi Jain
2227	62.201-061	Marketing Principles	⊱Online Course		3	P: 47.101, 48.101, 49.201; requires proctored exams	Duncan LaBay
2537	66.210-011	Professional Communications	M/W	6:00-9:15 pm	3	P: BSBA students and COM Dean perm.	Karen Hvizda
3711	62.496-011	Current Topics in Marketing: Marketing for Non-Profits	T/Th	6:00-9:15 pm	3	P: 662.301; COM filter courses and COM Dean permission	Deborah Finch
2237	66.301-031*	Organizational Behavior (5/24-7/17/10)	⊱Online Course		3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission; requires proctored exams	Stuart Freedman
2823	66.310-031*	Human Resources Management (5/24-7/17/10)	⊱Online Course		3	P: 66.301; COM filter courses and COM Dean permission	Brooke Hargreaves-Heald
3712	66.435-031*	Comparative Management (5/24-7/17/10)	⊱Online Course		3	P: 66.301, BSBA students and COM Dean permission	David Lewis
2069	66.490-011	Strategic Management	M/W	6:00-9:15 pm	3	P: Graduating seniors only; 61.301, 62.201, 63.301, 63.371, 66.301 BSBA students and COM Dean permission;	Scott Latham

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MATHEMATICS

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2485	90.111-011*	Fundamentals of Algebra	T/Th	7:00-10:15 pm	3		Department Faculty
2105	92.111-011	Quantitative Reasoning	M-Th	10:30 am-12:45 pm	3	Two years of high school algebra; Liberal Arts majors only; no credit toward a degree in science or engineering; MA	Alan Kaplan
2407	92.120-011**	Precalculus Mathematics I	T/Th	6:30-9:45 pm	3	P: 90.111 or equivalent or satisfactory score on the Math Placement Exam given the first evening of class; MA	Candice Weston
2489	92.120-061**	Precalculus Mathematics	⊱Online Course		3	P: 90.111 or equivalent; MA; designed for students who can work independently in math	Alan Doerr
2475	92.121-011**	Management Precalculus	M-Th	8:00-10:15 am	3	MA	Alan Kaplan
2107	92.122-011	Management Calculus	M-Th	10:30 am-12:45 pm	3	P: 92.119 or 92120 or 92.121 or equivalent; not for science or engineering majors; MA	Charles Ormsby
2109	92.122-012	Management Calculus	M/W	6:00-9:15 pm	3	P: 92.119 or 92120 or 92.121or equivalent; not for science or engineering majors; MA	J. Peter Weston
2423	92.123-011	Precalculus Mathematics II	M/W	6:00-9:15 pm	3	P: 92.120; MA	Department Faculty
2111	92.125-011	Calculus A	T/Th	6:00-9:15 pm	3	P: 92.123; MA	Theresa Schille
2425	92.126-011	Calculus B	M/W	6:00-9:15 pm	3	P: 92.125; MA	Ronald Brent
3581	92.129-011	Calculus IB	M-F	8:00-10:15 am	4	P: 92.128; MA, for UML day students only	Charles Ormsby
2827	92.131-011	Calculus I	M-F	8:00-10:15 am	4	MA	John Lahoud
2829	92.131-012	Calculus I	M-F	10:30 am-12:45 pm	4	MA	John Lahoud
3103	92.131-013	Calculus I	M-F	10:30 am-12:45 pm	4	MA	Ronald Brent
2307	92.132-011	Calculus II	M-F	8:00-10:15 am	4	P: 92.131; MA	Marvin Stick
2309	92.132-012	Calculus II	M-F	10:30 am-12:45 pm	4	P: 92.131; MA	Marvin Stick
2427	92.225-011	Calculus C	M/W	6:00-9:15 pm	3	P: 92.126; MA	Rida Mirie
2113	92.231-011	Calculus III	M-F	10:30 am-12:45 pm	4	P: 92.132	Vidhu Prasad
2115	92.234-011	Differential Equations	T/Th	6:00-9:15 pm	3	P: 92.225 or 92.132	Rida Mirie
2429	92.236-011	Engineering Differential Equations	M-F	8:00-10:15 am	3 (4)	P: 92.225 or 92.132	Vidhu Prasad
2493	92.283-011	Introduction to Statistics	M-Th	8:00-10:15 am	3	P: 90.111 or equivalent; MA	Alexander Olsen
2495	92.283-012	Introduction to Statistics	M/W	6:00-9:15 pm	3	P: 90.111 or equivalent; MA	Alexander Olsen
2497	92.283-061	Introduction to Statistics	⊱Online Course		3	P: 90.111 or equivalent; MA	Ann Marie Hurley
2625	92.283-062	Introduction to Statistics	⊱Online Course		3	P: 90.111 or equivalent; MA	Ann Marie Hurley
2431	92.321-061	Discrete Structures I	⊱Online Course		3	P: 90.112 or 92.120; designed for students who can work independently in math	Alan Doerr
2501	92.375-011	Senior Seminar I	TBA	TBA	1	P: Permission of Coordinator	Department Faculty
2117	92.386-011	Probability and Statistics I	M/W	6:00-9:15 pm	3	P: 92.225 or 92.132	Chittur Venkatesh
3582	92.413-011	Number Theory	M/W	6:00-9:15 pm	3	P: 92.321 or 92.221; hybrid course; will have	Kenneth Levasseur
3583	92.420-031	Mathematical Problem Solving	⊱Online Course		3	P: 92.231 or equivalent 3 or 4 online classes	Kenneth Levasseur
2433	92.450-011	Mathematical Modeling	M/W	6:00-9:15 pm	3	P: 92.234	James Graham Eagle
2637	92.466-011	Statistical Programming Using SAS	M/W	6:00-9:15 pm	3		Loren Lidsky
2699	92.475-011	Senior Seminar II	TBA	TBA	3	P: Permission of Coordinator	Department Faculty

*Fundamentals of Algebra (90.111) is a preparatory course and cannot be credited toward a degree program at the University of Massachusetts Lowell.
**Credit is given for only one of the three following courses: 90.119, 92.120 or 92.121. For students in the Information Technology Program, 92.120 or 92.121 can be substituted for the combination of 90.112 and 90.119.
University of Massachusetts Lowell day students must have approval from their Department Chairperson before taking courses with a 90 prefix. Many 500-level courses are well within the grasp of upper level undergraduates and may be used as electives.

MECHANICAL ENGINEERING

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2983	22.212-011	Strength of Materials (alternate 14.204)	M-Th	8:00-10:15 am	3	P: 22.211, 92.132	John McKelliget
2985	22.242-011	Thermodynamics	T/Th	7:00-10:15 pm	3	P: 92.132 and 95.245, 84.117 or 84.121	John Coluccini
2987	22.381-011	Fluid Mechanics	M-Th	10:30 am-12:45 pm	3	P: 92.231, 92.236, and 22.213 or 14.205	Majid Charmchi
3728	22.483-011	Advanced Aerodynamics	M-Th	10:30 am-12:45 pm	3	P: 22.213, 22.381	Eugene Niemi

MULTIMEDIA APPLICATIONS

(See courses listed under Information Technology)
CERTIFICATE IN MULTIMEDIA APPLICATIONS (See page 4 for required courses.)

MUSIC

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
2073	71.102-011	Music Theory 2	M-Th	8:00-10:15 am	3	P: 71.101	Michael Catania
2075	71.104-011	Aural Skills 2	M-Th	10:30-12:05 pm	1 (2)	P: 71.103	Charles Gabriel
2463	71.110-021	Basic Music Theory	M-Th	10:30 am-12:45 pm	3	For Non-Music Majors only, AH	Christopher McGahan
2077	71.201-011	Music Theory 3	M-Th	10:30 am-12:45 pm	3	P: 71.102	Richard Nangle, Jr.
2079	71.203-011	Aural Skills 3	M-Th	8:00-9:35 am	1 (2)	P: 71.102	Bianca Oglice
2703	77.499-011	Music Business Internship (5/24-8/13)	M-F	9:00 am-4:00 pm	6	P: Permission of Chairperson	Alan Williams
2705	78.493-021	Internship in Sound Recording Technology (5/26-8/13/10)	M-F	9:00 am-4:00 pm	6	P: Permission of Coordinator	William Moylan

NURSING

(See also Health)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
3722	30.210-011	Clinical Calculations (5/24-6/16/10)	M/W	6:00-8:00 pm	1		Shellié Simons
2735	33.301-041	Research in Nursing and Health Care (Blended course: Face-to-face meetings on UML campus in Lowell, MA on 5/24, 5/26, 6/9, 6/16, 6/30; and online sessions)	M/W	4:00-7:00 pm	3		Margaret Knight
3713	30.306-011	Introduction to Gerontology	M/W/F	2:45-6:00 pm	3		Ramraj Gautam
3714	30.306-031	Introduction to Gerontology	⊱Online Course		3		Ramraj Gautam

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
OPERATIONS AND INFORMATION SYSTEMS							
2067	63.210-011	Operations Analysis Techniques	M/W	8:00-11:15 am	3	P: 49.211	M. Riaz Khan
2421	63.301-011*	Management Information Systems	T/Th	9:00 am-12:15 pm	3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission; requires proctored exams	Edward Chen
2233	63.301-031*	Management Information Systems (5/24-7/17/10)	❯ Online Course		3	P: COM filter courses, BSBA majors or Business minor/BSIT/ASIT with 54+ credits and COM Dean permission; requires proctored exams	David Lewis
3570	63.308-061	Enterprise Systems Management	❯ Online Course		3	P: 63.301; five chats required	Luvai Motiwalla

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ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PARALEGAL STUDIES							
		(See also Legal Studies)					
3560	41.103-011	Introduction to Paralegal Studies	T/Th	6:30-9:45 pm	3		Department Faculty
2549	41.363-011	Corporate and Property Law	M/W	6:30-9:45 pm	3		Eugene Reardon
2151	41.370-061	Real Estate Law	❯ Online Course		3		Patricia Sullivan Talty
2015	41.376-011	Family Law	T/Th	7:00-10:15 pm	3		Russell Karl
2605	41.376-061	Family Law	❯ Online Course		3	Requires proctored exams; microphone or headset recommended	Russell Karl
2529	41.387-061	Legal Research Methods	❯ Online Course		3	Law library access required	Martha Lipchitz O'Connor
3557	41.390-011	Litigation	T/Th	6:30-9:45 pm	3		Michael Martell
2017	41.497-011	The Paralegal Practicum	TBA	TBA	3	P: Minimum of three paralegal courses and permission of Prof. William Burke, Coordinator, Legal Studies; call (978) 934-2765	William Burke

CERTIFICATE IN PARALEGAL STUDIES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PHILOSOPHY							
2833	45.201-011	Introduction to Philosophy	M/W	6:00-9:15 pm	3	AHE	John Kaag
2185	45.201-061	Introduction to Philosophy	Online Course		3	AHE	Donald LeBlanc
3641	45.203-011	Introduction to Ethics	M/W	6:00-9:15 pm	3	AHDE	Carol Hay
2653	45.203-031	Introduction to Ethics	Online Course		3	AHDE	Christopher Phillips
3572	45.316-011	Philosophy and Film	T/Th	6:00-9:15 pm	3	AH	Whitley Kaufman

CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (See page 4 for required courses.)

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PHYSICS							
2119	95.103-011	General Physics I	M-Th	8:00-10:15 am	3	C: 96.103; SCLO	Arthur Mittler
2121	95.141-011	Physics I	M-F	8:00-10:15 am	3 (4)	C: 92.131, 96.141; SCL	F. Raymond Hardy
2123	95.144-011	Physics II	M-F	8:00-10:15 am	3 (4)	P: 95.141. C: 92.132, 96.144	Roger McLeod
2125	96.103-011	General Physics I Lab (2 days/week)	T/Th	12:30-3:45 pm	1 (2)	C: 95.103 or 95.201; SCL	Arthur Mittler
2127	96.141-011	Physics I Lab (2 days/week)	M/W	1:00-4:15 pm	1 (2)	C: 95.141; SCL	F. Raymond Hardy
2129	96.144-011	Physics II Lab (2 days/week)	T/Th	1:00-4:15 pm	1 (2)	P: 96.141. C: 95.144	Afrim Alimeti
2131	99.101-061	Radiation and Life	❯ Online Course		3	SCLO	Thomas Regan
2133	99.102-011	Radiation and Life Lab	M/W	3:30-5:45 pm	1 (2)	P: or C: 99.101; SCLO	Thomas Regan

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PLASTICS							
2005	27.451-011	Selected Topics I	M/W	7:00-10:15 pm	3		Department Faculty
2143	27.452-011	Selected Topics II	T/Th	7:00-10:15 pm	3		Department Faculty

CERTIFICATE IN PLASTICS ENGINEERING TECHNOLOGY

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
POLITICAL SCIENCE							
2037	46.101-011	Introduction to American Politics	T/Th	7:00-10:15 pm	3	SS	Gloria Polites
3733	46.101-012	Introduction to American Politics	M-Th	1:00-3:15 pm	3	SS	Michael Lucciano
2545	46.101-061	Introduction to American Politics	❯ Online Course		3	SS	Jason Carter
2993	46.101-062	Introduction to American Politics	❯ Online Course		3	SS	Jason Carter
2655	46.110-011	Introduction to Politics	M-Th	10:30 am-12:45 pm	3	SSD	Gregory DeLaurier
2541	46.112-011	Introduction to Comparative Political Systems	M-Th	1:00-3:15 pm	3	SSD	Ardeth Thawnghmung
2547	46.121-061	Introduction to International Relations	❯ Online Course		3	SSD	Donald Leonard
3668	46.218-061	Introduction to Politics and Sports	❯ Online Course		3		Jeffrey Gerson/Ron Borges
3669	46.230-061	Law and the Legal System	❯ Online Course		3		Patricia Talty
3670	46.231-011	Introduction to Political Thought	M-Th	10:30 am-12:45 pm	3		Isaac Sharpless
2709	46.265-061	State and Local Politics	❯ Online Course		3		Dennis Deeb
2657	46.316-061	Politics and Film	❯ Online Course		3		J. Gerson/ J. Freimiller
3671	46.343-061 NEW! The Congress		❯ Online Course		3		Michael Walsh
2659	46.344-011	The American Presidency	M/W	7:00-10:15 pm	3		Dennis Deeb
2719	46.348-061	Literature, Politics and Genocide in Cambodia	❯ Online Course		3	SSDE	George Chigas
3715	46.370-031 NEW! Latin American Politics		❯ Online Course		3		Leonardo Vivas

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
PSYCHOLOGY							
2041	47.101-011	General Psychology	T/Th	6:30-9:45 pm	3	SS	John Kendrick
2191	47.101-061	General Psychology	❯ Online Course		3	SS; requires MS Word	John Kendrick
2949	47.101-062	General Psychology	❯ Online Course		3	SS; requires MS Word	Katherine Tyndall
2515	47.232-061	Psychology of Personality	❯ Online Course		3	P: or C: 47.101; SS; requires MS Word	Joan Cannon
2531	47.255-061	Community Psychology	❯ Online Course		3	P: or C: 47.101; SSD	Erika Sanborne
2471	47.260-061	Child and Adolescent Development	❯ Online Course		3	P: or C: 47.101; SS	Patricia Trela
3629	47.269-031	Research I: Basics	❯ Online Course		3	P: 47.101	Erika Sanborne
3630	47.272-011	Abnormal Psychology	M/W	6:30-9:45 pm	3	P: 47.101	Peter Hantzis
2043	47.273-011	Brain, Mind and Behavior (Blended Course: Mon. and Wed. in classroom; Tues. and Thurs online)	M-Th	8:00-10:10 am	3	P: 47.101	Mary Duell
2517	47.277-061	Sensation and Perception	❯ Online Course		3	P: 47.101	David Landrigan
2193	47.335-061	Psychology and Women	❯ Online Course		3	P: 47.101; SSD	Mary Francis Drake
2435	47.351-061	Human Sexuality	❯ Online Course		3	P: 47.101; SS	Mary Duell
2835	47.360-061	Adult Development and Aging	❯ Online Course		3	P: 47.101, and 47.260 or equivalent, SS	Meredith Stanford-Pollock
2519	47.369-031	Research II: Statistics	❯ Online Course		3	P: 47.101, grade of "C" or better in 47.269	David Landrigan
2437	47.472-061	Seminar: Personality	❯ Online Course		3	P: 47.101; and 47.269 or equivalent	Joan Cannon
3631	47.473-011	Seminar: Social Psychology - Positive Psychology (Blended Course: Mon. and Wed. in classroom; Tues. and Thurs. Online)	M-Th	10:30 am-12:40 pm	3	P: 47.101, and 47.269 or equivalent	Meredith Stanford-Pollock
2635	47.477-061	Seminar: Contemporary Trends – Addictions	❯ Online Course		3	P: 47.101; and 47.269 or equivalent	Richard Siegel

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
REGIONAL ECONOMIC AND SOCIAL DEVELOPMENT							
2917	57.475-011	Community Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/ M. Zapata Turcotte

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
SOCIOLOGY							
3573	48.101-011	Introduction to Sociology	M/W	7:00-10:15 pm	3		Levon Chorbajian
2839	48.112-011	Sociology Goes to the Movies	T/Th	7:00-10:15 pm	3		William Lekas
3574	48.215-011	Peacemaking Alternatives	M/W	7:00-10:00 pm	3	P: 48.101; AHDE	Eric Bourgeois
3716	48.220-061	Self-Assessment and Career Development	❯ Online Course		3	P: 48.101	Mary Francis Drake
3575	48.236-011	Sociological Approaches to the Environment	M-Th	8:00-10:15 am	3	P: 48.101	Eric Bourgeois
3577	48.276-011	Sociology of the Gun	M-Th	10:30 am-12:45 pm	3	P: 48.101	Christopher Cass
3578	48.317-011	Sociology of Genocide	T/Th	7:00-10:15 pm	3	P: 48.101; AHDE	Christopher Cass
2845	48.340-061	Sociology of Sports	❯ Online Course		3	P: 48.101	Levon Chorbajian

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
TECHNICAL WRITING							
2911	42.413-021	Advanced Software Writing (5/24-8/13) CERTIFICATE IN TECHNICAL WRITING	Tues	6:00-9:00 pm	3	P: 42.412	Stephen Murphy
WEBSITE DESIGN AND DEVELOPMENT							
		(See courses listed under Information Technology.) CERTIFICATE IN WEBSITE DESIGN AND DEVELOPMENT (See page 4 for required courses.)					
WOMEN'S STUDIES							
2439	41.381-061	Women and the Law	▷ Online Course		3	Requires MS Word	Donna Zils Banfield
2193	47.335-061	Psychology and Women	▷ Online Course		3	P: 47.101; SSD	Mary Francis Drake

July 6–August 14 Summer Session II

Day Classes begin on July 6 and meet Monday through Thursday for 3-credit courses and meet Monday through Friday for 4-credit courses.

M/W Evening Classes begin on July 7 and include 3 FRIDAYS: July 16 and July 30 and August 13 at the regularly scheduled hours.

T/Th Evening Classes begin on July 6 and include 2 FRIDAYS: July 23 and August 6 at the regularly scheduled hours.

Reminder: This course listing combines the University of Massachusetts Lowell day school courses and the continuing studies courses. It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BIOLOGICAL SCIENCES							
2647	83.101-021	Life Science I	T/Th	6:30-9:30 pm	3		Maya Trivedi
CHEMISTRY							
2257	84.112-021	General Chemistry II	T/Th	7:00-10:00 pm	3	P: 84.111 or permission of instructor C: 84.114; SCL	Daniel Lavoie
2259	84.114-021	General Chemistry Lab II	T/Th	3:30-6:30 pm	1 (3)	P: 84.113 or permission of instructor; C: 84.112; SCL	Athena Letsou
2261	84.122-021	Chemistry II	M/W	7:00-10:00 pm	3	P: 84.121 and 84.123. C: 84.124; SCL	Stephen Theberge
2263	84.124-021	Chemistry II Lab	T/Th	7:00-10:00 pm	1 (3)	P: 84.123; C: 84.122; SCL	Paul Damour
2483	84.124-022	Chemistry II Laboratory	T/Th	7:00-10:00 pm	1 (3)	C: 84.122; SCL	Theodore Caletta
2265	84.222-021	Organic Chemistry II	M/T/Th	2:45-5:15 pm	3	P: 84.221. C: 84.230	Gene Davis
2267	84.222-022	Organic Chemistry II	T/Th	7:00-10:00 pm	3	P: 84.221. C: 84.230	Gene Davis
2341	84.230-021	Organic Chemistry II A Lab	T/Th	6:00-10:00 pm	1 (4)	P: 84.229. C: 84.222	Hong Fu
2343	84.230-022	Organic Chemistry II A Lab	M/W	6:00-10:00 pm	1 (4)	P: 84.229. C: 84.222	Hong Fu
CIVIL ENGINEERING							
2135	14.205-021	Dynamics (alternate 22.213)	M-Th	8:00-10:00 am	3	P: 14.203, 92.132	John McKelliget
CLIENT SERVER TECHNOLOGY							
		(See courses listed under Information Technology) CERTIFICATE IN DATABASE MANAGEMENT TECHNOLOGIES (See page 5 for required courses.)					
ECONOMICS							
2199	49.201-021	Economics I (Microeconomics)	M/W	6:00-9:00 pm	3	P: 90.111; BS/SS	Harjeet Khosla
2205	49.202-021	Economics II (Macroeconomics)	T/Th	6:00-9:00 pm	3	P: 90.111; BS/SS	Patricia Machado
2211	49.211-021	Statistics I	T/Th	6:00-9:00 pm	3	P: 92.122 or equivalent	Harjeet Khosla
ELECTRICAL AND COMPUTER ENGINEERING							
2849	16.202-021	Circuits II	M/W	9:00 am-Noon	3	P: 16.201	Tenneti Rao
1997	16.362-021	Signals and Systems I	T/Th	2:00-5:00 pm	3	P: 16.202, 92.236	Mufeed Mah'd
2365	16.460-021	Biomedical Instrumentation	T/Th	6:00-9:00 pm	3	P: 92.132, 95.144	Mufeed Mah'd
3588	16.482-021	Computer Architecture and Design	M/W	9:00 am-Noon	3	P: Instructor permission	Martin Margala
ENGLISH							
2367	42.101-021	College Writing I	M/W	7:00-10:00 pm	3		Patrick Lochelt
2155	42.102-021	College Writing II	T/Th	7:00-10:00 pm	3		Kim Komperda
3650	42.102-022	College Writing II	M-Th	12:30-2:30 pm	3		Sara Backer
2159	42.212-021	The Short Story	M/W	7:00-10:00 pm	3	P: 42.102; AH	Madeline Sherlock
2163	42.217-021	The Horror Story	T/Th	7:00-10:00 pm	3	P: 42.102; AH	Carl Mason
2165	42.224-021	Business Writing	M/W	6:00-9:00 pm	3	P: 42.102	Peter Payack
HEALTH							
3556	30.305-021	Exercise Physiology Lecture (Blended course: Face-to-face classes on T/Th. Online discussion board is required.)	T/Th	8:00-10:00 am	4	P: Anatomy and Physiology, Chemistry; not open to UML Exercise Physiology majors; SL	Danielle Notini
2597	35.102-021	Human Anatomy and Physiology II	T/Th	6:15-9:15 pm	3	P: 35.101, 35.103 or equiv.; C: 35.104; SCL	Paul Fierimonte
2149	35.104-021	Human Anatomy and Physiology Lab II	T/W/Th	2:00-5:00 pm	1 (3)	P: 35.101, 35.103; C: 35.102; SCL	Emily Hyren
3289	35.104-022	Human Anatomy and Physiology Lab II	T/W/Th	11:00 am-2:00 pm	1 (3)	P: 35.101, 35.103; C: 35.102; SCL	Emily Hyren
2445	35.211-021	Basic Clinical Microbiology and Pathology	M-Th	6:00-8:00 pm	3	P: Anatomy and Physiology	Bryan Cowell
2447	35.213-021	Basic Clinical Microbiology and Pathology Lab CERTIFICATE IN NUTRITION	M-Th	8:00-10:00 pm	1 (3)	C: 35.211	Bryan Cowell
HISTORY							
		(See also Art History)					
2175	43.112-021	U.S. History Since 1877	M/W	7:00-10:00 pm	3	AHD	Diane Lewis
3561	43.231-021	Renaissance and Reformation	T/Th	6:00-9:00 pm	3		Andrew Drenas
3562	43.352-021	The Coming of the American Revolution	T/Th	6:00-9:00 pm	3		Robert Lemire
2633	43.393-021	History of the Middle East and Islamic World	T/Th	6:00-9:00 pm	3		Stephen Russell
LEGAL STUDIES							
		(See also Paralegal Studies)					
3717	41.363-021	Corporate and Property Law	M/W	7:00-10:00 pm	3		Paul King
3731	41.370-021	Real Estate Law	M/W	6:00-9:00 pm	3		John Laderoute
3718	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty
3719	41.387-021	Legal Research Methods	T/Th	6:00-9:00 pm	3		Walter Toomey

UNDERGRADUATE CREDIT COURSES

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
MANAGEMENT							
2613	66.210-021	Professional Communications	M/W	6:00-9:00 pm	3	P: BSBA students and COM Dean permission	Karen Hvizda
MATHEMATICS							
2503	92.120-021**	Precalculus Mathematics I	M/W	6:30-9:30 pm	3	P: 90.111 or equivalent or satisfactory score on the Math Placement Exam given the first week of class; MA.	Candice Weston
2477	92.121-021**	Management Precalculus	M-Th	8:00-10:00 am	3	P: 90.111 or equivalent; MA	Alan Kaplan
2297	92.122-021	Management Calculus	M-Th	10:15 am-12:15 pm	3	P: 90.119 or 92.120 or 92.121 or equivalent; not for science or engineering majors; MA	Alan Kaplan
2301	92.125-021	Calculus A	T/Th	7:00-10:00 pm	3	P: 92.123; MA	Theresa Schille
2303	92.126-021	Calculus B	M/W	7:00-10:00 pm	3	P: 92.125; MA	Ronald Brent
2305	92.131-021	Calculus I	M-F	10:15 am-12:15 pm	4	MA	John Lahoud
2901	92.132-021	Calculus II	M-F	10:15 am-12:15 pm	4	P: 92.131; MA	Ronald Brent
2311	92.231-021	Calculus III	M-F	10:15 am-12:15 pm	4	P: 92.132; MA	Rida Mirie
2451	92.234-021	Differential Equations	T/Th	6:00-9:00 pm	3	P: 92.225 or 92.132	Rida Mirie
2507	92.283-021	Introduction to Statistics	M-Th	8:00-10:00 am	3	P: 90.111 or equivalent; MA	Alexander Olsen
2509	92.283-022	Introduction to Statistics	M/W	7:00-10:00 pm	3	P: 90.111 or equivalent; MA	Alexander Olsen
2313	92.321-021	Discrete Structures I	M/W	6:00-9:00 pm	3	P: 90.112 or 92.120	Anthony Penta
2315	92.427-021	Geometry	T/Th	8:30-11:30 am	3	P: 92.221 or 92.321	Marvin Stick
2863	92.435-021	History of Mathematics	M/W	8:30-11:30 am	3	P: 92.132	Matthew Beyranevand

*Fundamentals of Algebra (90.111) is a preparatory course and cannot be credited toward a degree program at the University of Massachusetts Lowell.

**Credit is given for only one of the three following courses: 90.119, 92.120 or 92.121. For students in the Information Technology Program, 92.120 or 92.121 can be substituted for the combination of 90.112 and 90.119.

University of Massachusetts Lowell day students must have approval from their Department Chairperson before taking courses with a 90 prefix. Many 500-level courses are well within the grasp of upper level undergraduates and may be used as electives.

MECHANICAL ENGINEERING							
2139	22.213-021	Dynamics (alternate 14.205)	M-Th	8:00-10:00 am	3	P: 22.211, 92.231	John McKelliget
MUSIC							
2955	71.100-021	Fundamentals of Musicianship	M-Th	8:00-10:00 am	3		Christopher Endrinal
3624	71.201-021	Music Theory 3	M-Th	10:15 am-12:15 pm	3	P: 71.102	Lauren Ellis
2245	71.202-021	Music Theory 4	M-Th	10:15 am-12:15 pm	3	P: 71.201	Christopher Endrinal
3626	71.203-021	Aural Skills 3	M-Th	8:00-9:35 am	1 (2)	P: 71.201	Bianca Oglice
2247	71.204-021	Aural Skills 4	M-Th	8:00-9:20 am	1 (2)	P: 71.203	Michael Catania
3627	74.161-021	Music of Western Civilization	M-Th	10:15 am-12:15 pm	3		Timothy Crain
PARALEGAL STUDIES							
	(See also Legal Studies)						
3720	41.103-021	Introduction to Paralegal Studies	T/Th	6:00-9:00 pm	3		Department Faculty
3717	41.363-021	Corporate and Property Law	M/W	7:00-10:00 pm	3		Paul King
	41.370-021	Real Estate Law	M/W	6:00-9:00 pm	3		John Laderoute
3718	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty
3719	41.387-021	Legal Research Methods	T/Th	6:00-9:00 pm	3		Walter Toomey
	CERTIFICATE IN PARALEGAL STUDIES						
PHILOSOPHY							
2183	45.201-021	Introduction to Philosophy	T/Th	7:00-10:00 pm	3	AHE	Michael Koran
2187	45.203-021	Introduction to Ethics	M/W	6:00-9:00 pm	3	AHDE	Deborah White
	CERTIFICATE IN CONTEMPORARY COMMUNICATIONS (see page 4 for required courses.)						
PHYSICS							
2321	95.104-021	General Physics II	M-Th	8:00-10:00 am	3	P: 95.103; C: 96.104	Edward Salesky
2323	95.141-021	Physics I	M-F	10:15 am-12:15 pm	3	C: 92.131; 96.141; SCL	Edward Salesky
2325	95.144-021	Physics II	M-F	10:15 am-12:15 pm	3	P: 95.141; C: 92.132, 96.144	Roger McLeod
2327	96.104-021	General Physics II Lab (2 days per week)	T/Th	1:00-4:00 pm	1 (2)	P: 96.103; C: 95.104 or 95.202	Hongmei Chen
2329	96.141-021	Physics I Lab	M/W	1:00-4:00 pm	1 (2)	C: 95.141; SCL	Hongmei Chen
2331	96.144-021	Physics II Lab (2 days per week)	T/Th	1:00-4:00 pm	1 (2)	P: 96.141; C: 95.144	Afrim Alimeti
2333	99.102-021	Radiation and Life Lab	M/W	3:30-5:30 pm	1 (2)	P: or C: 99.101; SCLO	Thomas Regan
PLASTICS							
2007	27.453-021	Selected Topics III	M/W	7:00-10:00 pm	3		Department Faculty
2145	27.454-021	Selected Topics IV	T/Th	7:00-10:00 pm	3		Department Faculty
	CERTIFICATE IN PLASTICS ENGINEERING TECHNOLOGY						
POLITICAL SCIENCE							
2687	46.101-021	Introduction to American Politics	T/Th	7:00-10:00 pm	3	SS	Gloria Polites
2687	46.101-022	Introduction to American Politics	M-Th	10:15 am-12:15 pm	3	SS	George Anthes
3672	46.265-021	State and Local Politics	M/W	6:00-9:00 pm	3		Bernard Lynch
3673	46.331-011	Animal Rights and Animal Welfare	M-Th	12:30-2:30 pm	3		Isaac Sharpless
2667	46.363-021	Politics of China	M/W	7:00-10:00 pm	3		Gregory DeLaurier
PSYCHOLOGY							
2189	47.101-021	General Psychology	M-Th	8:00-10:00 am	3	SS	Kenneth Lombart
2453	47.260-021	Child and Adolescent Development (Blended Course: Tuesday in classroom, Thursday online)	T/Th	6:00-9:00 pm	3	P: or C: 47.101; SS	Patricia Trela
2871	47.328-021	Dynamics of Interpersonal Relations	M/W	6:00-9:00 pm	3	P: 47.101	Peter Hantzis
2045	47.475-021	Seminar: Clinical Psychology - Intervention	M/W	2:45-5:45 pm	3	P: 47.101, and 47.232 or 47.272 or related experience	Peter Hantzis
SOCIOLOGY							
2195	48.101-021	Introduction to Sociology	M-Th	8:00-10:00 am	3	SSDE	Levon Chorbajian
3576	48.255-021	Sociology of Deviance	M-Th	8:00-10:00 am	3	P: 48.101; SS	Arturo Damos-Dalmau
2197	48.340-021	Sociology of Sports	T/Th	7:00-10:00 pm	3	P: 48.101	Levon Chorbajian
3579	48.361-021	Sociology of Law	T/Th	7:00-10:00 pm	3	P: 48.101	Christopher Cass
2877	48.382-021	Social Movements	M-Th	10:15 am-12:15 pm	3	P: 48.101	Richard Hudak
WOMEN'S STUDIES							
3718	41.381-021	Women and the Law	M/W	7:00-10:00 pm	3		Department Faculty

Graduate Courses
Summer Session I

Except as noted: Day classes begin on May 24.
M/W Evening Classes begin on May 24 and include 2 FRIDAYS: June 4 and June 18 at the regularly scheduled hours.
T/Th Evening Classes begin on May 25 and include 2 FRIDAYS: June 11 and June 25 at the regularly scheduled hours.

Reminder: It is important to check course numbers and prerequisites to ensure enrollment in the correct class.

Students interested in applying into Graduate degree or certificate programs should contact the Graduate Admissions Office at 800-656-GRAD or www.uml.edu/grad. In some cases, a student may take only 6 credits prior to matriculating into a formal graduate degree program. Students with Bachelor's degrees from accredited institutions are eligible to enroll as non-degree students for a total of 12 credits prior to matriculating into formal Graduate degree programs. Generally, students must formally apply to graduate certificate programs before enrolling in graduate courses intended for specific certificate programs.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BUSINESS ADMINISTRATION							
2225	60.501-031	Financial Accounting (5/24-7/17/10)	⟩ Online Course		2	P: Open to MBA, Business Certificate or Doctor of Engineering students, requires knowledge of Excel; requires proctored exams	Sherre Strickland
3601	60.621-061	Current Topics in Accounting: Tax Factors in Business Decisions	⟩ Online Course		3	P: 60.501, MBA matriculated students and completion of MBA Foundation courses Foundation courses	Kevin Wall
2609	61.501-031	Business Financial Analysis (5/24-7/17/10)	⟩ Online Course		2	Open to MBA, Business Certificate or Doctor of Engineering students	Yash Puri
3602	61.601-011	Corporate Finance	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses	Devendra Prasad
3736	61.675-061	Financial Derivatives	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses; requires proctored exams	Steven Freund
2229	62.501-031	Marketing Fundamentals (5/24-7/17/10)	⟩ Online Course		2	Open to MBA, Business Certificate or Doctor of Engineering students	Duncan LaBay
2231	62.601-061	Analysis of Customers and Markets	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses	Eunsang Yoon
2885	62.688-061	Current Topics in Marketing: Sustainable Marketing	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses	Eunsang Yoon
2235	63.501-031	Operations Fundamentals (5/24-7/17/10)	⟩ Online Course		2	P: Open to MBA, Business Certificate or Doctor of Engineering students; requires proctored exams	M. Riaz Khan
2887	63.601-061	Management Information Systems	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses	Luvai Motiwalla
2469	63.688-061	Current Topics in Management Information Systems: Knowledge Management	⟩ Online Course		3	P: 63.601, MBA matriculated students and completion of MBA Foundation courses	Edward Chen
3723	64.655-061	Corporate Entrepreneurship	⟩ Online Course		3	P: MBA matriculated students and completion of MBA Foundation courses	Ashwin Mehta
2239	66.501-031	Organizational Behavior (5/24-7/17/10)	⟩ Online Course		2	P: Open to MBA, Business Certificate or Doctor of Engineering students	David Breyer
3734	66.655-011	Mid-Management Skills for the New Business Environment	T/Th	6:00-9:15 pm	3	P: 66.601 or 66.725, MBA matriculated students and completion of MBA Foundation courses	Timm Kainen
2241	66.691-061	Strategy	⟩ Online Course		3	P: 60.601, 61.601, 62.601, 63.671, 66.601; MBA matriculated students	Ashwin Mehta
2889	66.725-011	Negotiations	M/W	6:00-9:15 pm	3	P: MBA matriculated students and and completion of MBA Foundation courses	Timm Kainen

NOTE: The above MBA courses are also open to non-UML grad students who meet course prerequisites. If not currently registered in a program, please contact the MBA Coordinator, Kathleen Rourke, at 978-934-2848 for permission to take courses.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
COMPUTER SCIENCE							
3666	91.534-021*	Compiler Construction (5/24-8/13/10)	Mon	5:30-8:30 pm	3		Roger Marshall
3646	91.553-021*	Parallel Processing (5/24-8/13/10)	M/W/Th	10:00-11:00 am	3		James Canning
3665	91.580-021*	Topics in Computer Science: Data Mining (5/24-8/13/10)	Th	6:30-9:30 pm	3		Lee Jones
3643	94.517-031*NEW!	Operating Systems Foundations	⟩ Online Course		3		William Moloney
3644	94.560-031*NEW!	Network Infrastructures	⟩ Online Course		3		Benyuan Liu
3645	94.561-031*NEW!	Computer Network Security	⟩ Online Course		3		Jie Wang

*Requires permission of Graduate Computer Science Coordinator

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
CRIMINAL JUSTICE							
2177	44.503-061	Administration of Criminal Justice	⟩ Online Course		3		Larry J. Siegel
2179	44.521-061	Criminological Theory	⟩ Online Course		3		Larry J. Siegel
3566	44.526-061	Domestic Terrorism and Hate Crimes	⟩ Online Course		3		Richard Lumb
2671	44.542-061	Criminal Profiling	⟩ Online Course		3		Allan Roscoe
2569	44.543-061	Forensic Psychology	⟩ Online Course		3		Ira Packer
2181	44.545-061	Criminal Mind and Behavior	⟩ Online Courses		3		Alan Lincoln
3567	44.546-061	Mental Health and Criminal Justice	⟩ Online Course		3		Andrew Harris
2347	44.549-061	Terrorism/Counter-Terrorism	⟩ Online Course		3		Allan Roscoe
2571	44.567-061	Overview of Homeland Security	⟩ Online Course		3		Timothy Croft
2749	44.570-061	Managing Criminal Justice Organizations	⟩ Online Course		3		Eve Buzawa
2349	44.580-061	Quantitative Research	⟩ Online Course		3		Donald Faggiani
2351	44.590-061	Research Methods	⟩ Online Course		3		Donald Faggiani
2975	44.594-061	Crime Mapping	⟩ Online Course		3		Jacob Stowell
2673	44.624-061	Violence in America	⟩ Online Course		3		James Byrne
2573	44.646-061	Sex Offenses and Offenders	⟩ Online Course		3		Andrew Harris

For permission numbers and questions regarding the Criminal Justice Program, please email Karen_Mullins@uml.edu.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
EDUCATION							
1102	01.625-061	Organization of Schools	⟩ Online Course		3	**Ci	James Nehring
1131	01.630-061	Diversity Issues for School Leaders	⟩ Online Course		3	**CI, EA, RL	Michaela Wyman-Colombo
TBA	03.651-041NEW!	Technology in Learning Environment: Teaching and Research (Blended Institute July 19-23, plus online sessions weeks of Sept 13, Oct 4, Oct 25, and final meeting Sat., Nov 6, 9:00 am-12:00 pm)	M-Th	9:00 am-12:00 pm	3		John Brown
1052	04.638-061	Curriculum Design K-12	⟩ Online Course		3	**CI, CI(sci)	J. Walsh/D. Troughton
1020	04.643-061	The Skillful Teacher	⟩ Online Course		3	**CI, CI(sci)	Robert Gower
TBA	05.630-041	Leadership and Learning: Professional Learning Communities (Blended Institute 6/28-7/2, plus online sessions weeks of Sept 13, Oct 4 and final meetings Nov 18, 5:00-9:00 pm and Nov 19, 9:00 am-12:00 pm)	M-Th / F	9:00 am-3:00 pm / 9:00 am-12:00 pm			James Nehring
1076	05.592-061*	Practicum I: Elementary School Principal PK-6	⟩ Online Course		1	P: Permission of instructor; **EA.	Charles Christensen
1024	05.594-061*	Practicum I: Middle School Principal 5-8	⟩ Online Course		1	P: Permission of instructor; **EA.	Charles Christensen
1026	05.596-061*	Practicum I: High School Principal 9-12	⟩ Online Course		1	P: Permission of instructor; **EA	Charles Christensen
1028	05.643-061	Principalship PK-12	⟩ Online Course		3	**EA	Charles Christensen
1030	06.511-061	Teaching Reading in the Content Area	⟩ Online Course		3	**RL	Jay Simmons
1032	06.522-061	Young Adult Literature	⟩ Online Course		3	**RL	Lorraine Dagostino
TBA	06.606-041NEW!	Professional Development for Writing (10 weeks: 5/24-7/27/10)	M	4:00-7:30 pm	3		John Brown
1034	07.642-061	Program Evaluation	⟩ Online Course		3	**EA, CI, RL	Jill Lohmeier
1094	81.508-061	Cell Biology for Teachers	⟩ Online Course		3	**CI(sci); course participants will also be required to purchase a kit costing approximately $35 as well as the textbook. Details for kit purchasing will be sent to course participants at the start of the summer session.	M. Mawn/A. Greenwood
1056	85.581-061	Meteorology for Teachers	⟩ Online Course		3	**CI(sci)	T. Vaughan/F. Colby

**The Graduate School of Education offers Online Courses leading to three Masters of Education degrees: (1) Educational Administration (EA); (2) Reading and Language; (3) Curriculum and Instruction (CI) or Curriculum and Instruction: Science Concentration (CI)(sci). Additionally, three CAGS degrees are available. Some programs are open to Massachusetts teachers only. Please check the website for details at www.uml.edu/gse. The letters in the prerequisites column refer to which programs each course is aligned.

Graduate Courses
Summer Session I *Continued*

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ELECTRICAL AND COMPUTER ENGINEERING							
2905	16.508-031	Quantum Electronics for Engineers	⟩Online Course		3	P: Permission of instructor	Joel Therrien
2137	16.510-011	Digital Signal Processing	T/Th	6:00-9:15 pm	3	P: 16.362, 16.363 preferred	Mufeed Mah'd
2681	16.528-011	Alternate Energy Sources	M/W	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
2003	16.529-011	Electric Vehicle Technology	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Ziyad Salameh
2961	16.531-011	RF Design	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Tenneti Rao
3591	16.541-011	Introduction to Biosensors	M/W	6:00-9:15 pm	3	P: Permission of instructor	Xingwei Wang
3590	16.576-031	Principles of Solid State Devices	⟩Online Course		3	P: 16.365	Craig Armiento
3724	16.577-011	Verification of Digital Systems	T/Th	6:00-9:15 pm	3	P: Permission of instructor	James Moran
3600	16.653-021	Artificial Intelligence and Machine Learning (5/24-8/13/10)	Wed		3	P: Permission of instructor	Hani Al-Dayaa
3599	16.659-011	Distributed Systems	T/Th	6:00-9:15 pm	3	P: Permission of instructor	Carlos Bejar
3593	16.666-011	Storage Area Networks	M/W	6:00-9:15 pm	3	P: Permission of instructor	Oliver Ibe
3594	16.710-011	Selected Topics: Modeling of Solid State Electronic Devices	T/Th	5:00-8:15 pm	3	P: 16.595 or permission of instructor	John Palma
HEALTH							
2919	32.502-041	Organizational Behavior in Healthcare (Blended Course: Face-to-face meetings at Yankee Alliance Offices in Andover, MA on Tues.: 5/25, 6/1, 6/8, 6/15, 6/22, 6/29; Online sessions on Thurs : 5/27, 6/3, 6/10, 6/17, 6/24, 7/1)	T/Th	5:30-8:30 pm	3		Robert Holmes
2713	34.501-061	Pharmacology	⟩Online Coursee		3		Daniel Kiel
2147	34.650-021	Clinical Education Experience I (5/24-8/20/10)	M-F	8:00 am-4:00 pm	3 (4)	P: First-Year Physical Therapy Grad students only	Keith Hallbourg
2683	34.652-021	Clinical Education Experience II (5/24-8/20/10)	M-F	8:00 am-4:00 pm	3 (4)	P: Clinical Ed. Experience I, second-year Physical Therapy graduate students only	Keith Hallbourg
3021	36.613-061	Infectious Disease	⟩Online Course		3		Gui-Xin He
MATHEMATICS							
2317	92.500-061	Discrete Structures	⟩Online Course		3		Alan Doerr
2511	92.509-021	Probability and Mathematical Statistics (5/24-8/13/10)	Mon	5:30-8:30 pm	3		Lee Jones
3584	92.513-011	Number Theory	M/W	6:00-9:15 pm	3		Kenneth Levasseur
3585	92.520-031	Mathematical Problem Solving	⟩Online Course		3		Kenneth Levasseur
2455	92.550-011	Mathematical Modeling	M/W	6:00-9:15 pm	3		James Graham-Eagle
2639	92.576-011	Statistical Programming Using SAS	M/W	6:00-9:15 pm	3		Loren Lidsky
2353	92.578-021	Statistical Inference and Data Mining (5/24-8/13/10)	Thurs	6:30-9:30 pm	3	P: 92.386 or equivalent	Lee Jones
MECHANICAL ENGINEERING							
3730	22.583-011	Advanced Aerodynamics	M-Th	10:30 am-12:45 pm	3	P: Permission of instructor	Eugene Niemi
PSYCHOLOGY							
2355	47.561-031	Introduction to Behavioral Intervention in Autism (5/24-8/20)	⟩Online Course		3	Coursework in the psychology of child development, or related experience	Alicia Perry
2473	47.561-032	Introduction to Behavioral Intervention in Autism (5/24-8/20)	⟩Online Course		3	P: Coursework in the psychology of child development, or related experience	Richard Serna
2689	47.561-033	Introduction to Behavioral Intervention in Autism (5/24-8/20)	⟩Online Course		3	P: Coursework in the psychology of child development, or related experience	Alisa Bahl
2632	47.561-034	Introduction to Behavioral Intervention in Autism (5/24-8/20)	⟩Online Course		3	P: Coursework in the psychology of child development, or related experience	Theodosia Paclawskyj
2357	47.562-031	Teaching and Positive Behavioral Support in Autism (5/24-8/20)	⟩Online Course		3	P: 47.561	Katherine Falwell
2521	47.562-032	Teaching and Positive Behavioral Support in Autism (5/24-8/20)	⟩Online Course		3	P: 47.561	Eric Boelter
3633	47.562-033	Teaching and Positive Behavioral Support in Autism (5/24-8/20)	⟩Online Course		3	P: 47.561	Department Faculty
2359	47.565-031	Measurement and Experimental Design in Behavioral Autism (5/24-8/20)	⟩Online Course		3	P: 47.561	Department Faculty
2723	47.565-032	Measurement and Experimental Design in Behavioral Autism (5/24-8/20)	⟩Online Course		3	P: 47.561	David Kuhn
2361	47.566-031	Functional Analysis and Treatment of Challenging Behavior (5/24-8/20)	⟩Online Course		3	P: 47.562	Stephanie Contrucci-Kuhn
2755	47.566-032	Functional Analysis and Treatment of Challenging Behavior (5/24-8/20)	⟩Online Course		3	P: 47.562	Carrie Borrero
2523	47.568-031	Behavioral Intervention Program Models in Autism (5/24-8/20)	⟩Online Course		3	P: 47.562	Department Faculty
2691	47.568-032	Behavioral Intervention Program Models in Autism (5/24-8/20)	⟩Online Course		3	P: 47.562	Karen Wagner
REGIONAL ECONOMIC AND SOCIAL DEVELOPMENT							
2675	57.512-011	Community Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/M. Zapata Turcotte
WORK ENVIRONMENT							
2677	19.559-011	Conflict Resolution	T/Th	6:00-9:15 pm	3		D. Turcotte/M. Zapata Turcotte

Graduate Courses
Summer Session II

Except as noted: Day classes begin on July 6
M/W Evening Classes begin on July 7 and include 3 FRIDAYS: July 16 and July 30 and August 13 at the regularly scheduled hours.
T/Th Evening Classes begin on July 6 and include 2 FRIDAYS: July 23 and August 6 at the regularly scheduled hours.

Students interested in applying into Graduate degree or certificate programs should contact Graduate Admissions at 800-656-GRAD or www.uml.edu/grad. In some cases, a student may take only 6 credits prior to matriculating into a formal graduate degree program. Students with Bachelor's degrees from accredited institutions are eligible to enroll as non-degree students for a total of 12 credits prior to matriculating into formal Graduate degree programs. Generally, students must formally apply to graduate certificate programs before enrolling in graduate courses intended for specific certificate programs. *Reminder: It is important to check course numbers and prerequisites to ensure enrollment in the correct class.*

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
BUSINESS ADMINISTRATION							
2725	61.610-021	Financial Markets and Monetary Policy	T/Th	6:00-9:00 pm	3	P: MBA matriculated students and completion of MBA Foundation courses	Michael Carter

NOTE: The above MBA courses are also open to non-UML grad students who meet course prerequisites. If not currently registered in a program, please contact the MBA Coordinator, Kathleen Rourke, at 978-934-2848 for permission to take courses.

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
ELECTRICAL AND COMPUTER ENGINEERING							
2443	16.560-021	Biomedical Instrumentation	T/Th	6:00-9:00 pm	3	P: Permission of instructor	Mufeed Mah'd
3592	16.582-021	Wireless Communications	M/Tu	9:00 am-12:00 pm	3	P: Permission of instructor	Martin Margala
3595	16.710-021	Special Topics: Mixed-Signal VLSI Design	M/W	6:00-9:00 pm	3	P: Permission of instructor	Martin Margala
3596	16.711-021	Special Topics: Image Processing for Biometrics and Security Applications	T/Th	6:00-9:00 pm	3	P: Permission of instructor	Anup Pillai
3597	16.715-021	Special Topics: Monte Carlo Simulation of Semiconductor Devices	M/W	3:00-6:00 pm	3	P: Permission of instructor	Ignacio Iniguez-de-la-Torre

See our Website at http://continuinged.uml.edu

Graduate Courses
Summer Session II Continued

ISIS Class No.	Course No.	Title	Days	Time	Cr (Con)	P: Prerequisite C: Corequisite/Comments	Instructor
HEALTH							
	32.506-041	Quantitative Methods in Healthcare Management (Blended Course: Face-to-face meetings at Lowell General Hospital on Potash Hill Road in Tyngsborough, MA on Tues: 7/6, 7/13, 7/20, 7/27, 8/3, 8/10; Online sessions on Thurs: 7/8, 7/15, 7/22, 7/29, 8/5, 8/12)	T/Th	5:30-8:30 pm	3		Douglas Wilson
2727	32.607-041	Healthcare Information Systems (Blended Course: Face-to-face meetings at Yankee Alliance Offices in Andover, MA on Tues: 7/6, 7/13, 7/20, 7/27, 8/3, 8/10; Location TBA. Online sessions on Thurs: 7/8, 7/15, 7/22, 7/29, 8/5, 8/12)	T/Th	5:30-8:30 pm	3		Patrick Grotton
MATHEMATICS							
2319	92.527-021	Geometry	T/Th	8:30-11:30 am	3	Course is generally applicable only to the Teacher Option	Marvin Stick
2939	92.535-021	History of Mathematics	M/W	8:30-11:30 am	3		Matthew Beyranevand

GENERAL INFORMATION

General Information ?

Registrar's Office Hours
Dugan Hall 101, UML South
Monday-Thursday: 8:30 am-8:00 pm
Friday: 8:30 am-5:00 pm

Continuing Studies, Corporate and Distance Education Office Hours
Paley Room, Southwick 202, UML North
Monday-Thursday: 8:30 am-8:00 pm
Friday: 8:30 am-5:00 pm

Holiday Hours and Special Hours
May 31: Memorial Day (University closed)
July 5: Independence Day celebrated (University closed)

November 23, 2010: Last day for students to complete work for incomplete Spring and Summer 2010 semester courses.

Commencement: May 29, 2010

Phone Directory
Student Financial Services ....(978) 934-3570
Bookstore — UML North ....(978) 934-2623
Bookstore — UML South ....(978) 934-6908
Continuing Studies Main Number ....(978) 934-2474
Faculty and Student Support Center ....(978) 934-2474
  Fax Number ....(978) 934-4006
Registrar's Office...(978) 934-2550
  Fax Number ....(978) 934-4076
Graduate School of Education ....(978) 934-4600
ISIS HELP Desk ....(978) 934-4357
Library — UML North (Alumni/Lydon) ....(978) 934-3205
Library — UML South (O'Leary) ....(978) 934-4550
UMass Lowell Main Number ....(978) 934-4000
UMass Lowell Directions...............................(978) 934-5800
  or www.uml.edu/maps
Weather Cancellations ....(978) 934-2121
Billing Information ....(978) 934-3570

See our Website at http://continuinged.uml.edu

You can also visit the Graduate Programs Website at www.uml.edu/grad

Registration Information

See Academic Calendar on page 18 for appropriate registration deadlines.

Student Information System
When using ISIS, the Student Information System, Undergraduate, Graduate, and Continuing Studies students are able to perform the following transactions:

• search the course catalog and schedule of classes
• register for classes as well as add, drop and swap classes
• request official transcripts and designate the recipients of transcripts
• pay a bill
• accept and decline financial aid

Students also can access and print their class schedules located under "View my class schedule"

For more information, check out the "More Info" section at: **http://www.uml.edu/it/isis/studentss.html.** If you have a problem accessing your account, please contact the help desk at (978) 934-4357.

REGISTER EARLY

Get a head start and register early! Although we cannot guarantee an opening in any class, your chances for being enrolled in the course of your choice are better when you register early. Please note that seats in laboratory courses are limited. See Academic Calendar on page 18 for appropriate registration deadlines.

Returning students (i.e., students who have been enrolled in a course at any time during the last three semesters) may register and pay for courses online by using ISIS (Inter-Campus Student Information System). Returning students will have a User ID generated for them. To look up your ID, go to http://isis.uml.edu and click User ID Lookup. Once you have obtained your User ID, follow these easy steps to register for classes.

1. From any PC with an internet connection, go to **http://isis.uml.edu**
2. Click [STUDENT SELF-SERVICE LOGIN].
3. Enter your User ID and password into the appropriate fields and click [SUBMIT].
4. Click [ACADEMICS].
5. Click [ENROLL IN A CLASS].
6. Select [TERM].
7. Click [ADD CLASSES].
8. Type the **Class Number** in the **Class Nbr** field. Please note, the class number is different from the course number.
9. You can search for the class number by clicking the magnifying glass. Enter the first two digits of the course number (found in the bulletin), into the subject area. Then enter the following three numbers of the course number into the catalog number box and then hit search. You can also find the class number and the course number on the CSCDE website http://continuinged.uml.edu or www.uml.edu/admin/registrar or in the CSCDE bulletin. **Repeat Step 8 until all desired classes have been added.**
10. Click the [SUBMIT] button.

New students to the University must use the mail, fax, or walk-in options to register.
Once the new student registration has been processed by the Registrar's Office, the student will receive an email to his/her personal email account (if provided) or receive a letter mailed to his/her home. The student should check http://isis.uml.edu and then click on the User ID lookup. You can also access the new student checklist and information on online course confirmation (if applicable) available at http://continuinged.uml.edu. After you have obtained your ID number, you can log into http://isis.uml.edu and view your schedule.

Mail-In Registration:
Fill out the registration form and return it to:
1. University of Massachusetts Lowell
   Registrar's Office
   883 Broadway Street, Dugan 101
   Lowell, MA 01854-5129
2. For classroom location and other scheduling information, please visit the Inter-Campus Student Information System (ISIS).

Fax-In Registration:
Fill out the registration form and fax it to (978) 934-4076.

Walk-In Registration is held at the Registrar's Office, 883 Broadway Street, Dugan Hall 101, UML South, Lowell, MA 01854-5129.

Please refer to the Registrar's Office for walk-in registration hours. Students are encouraged to use ISIS, the Web-Based Self-Service System whenever possible. Students taking online courses must obtain a UML email address as well as a log-on password. Please see the New Student Registration Form and Checklist posted on the CSCDE or UML Registrar's website. The checklist will facilitate the process to access your online courses.

Wait Listing
You may now put yourself on a wait list through ISIS if the course you want is full. When you try to register for a closed course, the system will ask you if you want to be put on

a wait list. The wait list function also allows you to list a course you would like to drop if you are allowed into the closed course.

If space becomes available in a course, the wait list function will add you into the class in the order of your request. Please note that you **will receive an email at your UML email address** if you are put into the closed course. Check your schedule in ISIS to see if you are registered for the closed course. If you no longer wish to register for a course you are wait listed for, you must remove yourself from the wait list through ISIS. If you do not remove yourself from the wait list, you run the risk of being registered for a course and will be responsible for the grade received as well as the tuition and fees incurred.

First-time students may request to be put on the wait list by filling out the form located at: **http://www.uml.edu/admin/registrar/docs/waitlist.pdf** and faxing it to the number indicated.

Email
A significant number of important communications will be delivered to students via University email. Information about the availability of class schedules, course cancellations, grade reports, and financial awards that can be accessed using ISIS, the Web-Based Self-Service, will be sent to students via email.

To address this change in practice, UMass Lowell has a robust email system and assigned UML email addresses to all students, including those enrolled in Continuing Studies courses. In addition, a policy has been approved that supports email as an official means of communication and assigns responsibility to students for maintaining their UML email accounts.

Students should be using their UML accounts with the @student.uml.edu suffix to ensure they receive important communications from the University. Please see http://email.uml.edu and check the student email link. New students will receive a letter from the Information Technology Office with their new UML email address.

Emergency Contact Information
Responding to increased concerns about security issues of all kinds on University campuses nationwide, we have initiated a process to require students to provide and/or verify **Emergency Contact Information** on a regular basis. This information will be used to contact designated individuals in the event of an emergency involving you as a student on campus. When you first log into ISIS for any reason this semester, you will notice an entry in Your Holds Summary indicating **Emergency Contact Verification**. This "Hold" will prevent all Registration/Add/Drop/Swap a Class activity until you take action to verify your Emergency Contact Information. You will be able to release this hold yourself through ISIS by clicking on the hold and following the instructions. We encourage you to be proactive and verify this information **BEFORE** you actually need to register for classes or use Add/Drop/Swap a Class functionality in ISIS. For assistance, a Help document has been posted on the ISIS website.

Emergency Notification
Sign up for the UML Emergency Notification System at https://uml.ecoporte.com/emergency/jsp/home/home.jsp.

UCards (ID Cards)
Matriculated Continuing Studies and Corporate Education (CSCE) students in degree or certificate programs may request a UCard, but for most CSCE students a UCard is not needed. For students who attend classes in the evenings, UCards are used primarily for access to gated parking lots. If you arrive on campus after 4:00 p.m., many of the parking gates are open and you may park in any lot. CSCE students arriving at East Campus or North Campus before 4 p.m. may need a card to access parking lots. The large Riverview lot on South Campus has no gate and is always open. Note: If you park anywhere on campus before 4pm and do not have a parking decal on your vehicle, you will be subject to a parking fine.

CSCE students taking certain College of Engineering courses may need access to labs. Your instructor will let you know if you need a UCard to access a particular lab. You will need to visit the Access Services Office in the South Campus Dining Hall to have your photo taken and UCard issued. UCards do not expire and the first card is free – if you require a replacement card, the cost is $20.

Contact the Access Services Office at (978) 934-2800 or email: Access_Services@uml.edu, if you have any questions.

Student ID Number
Your student ID number is your ISIS/UMass System number. To obtain your number go to http://isis.uml.edu and click on the user ID look up.

Institutional Disclosure
The University is required to disclose the availability of various types of information related to Federal programs and mandates under the Higher Education Acts. This information is located on the UML web at: http://continuinged.uml.edu/general/inst_disclosure.html

Students with Disabilities
A student with a disability who needs special arrangements should contact the Counseling Center, at (978) 934-4574 early in the registration process. Special advising, registration assistance, preferential scheduling, and alternative examination procedures are available. Special parking is also available on a temporary basis.

The University's Annual Campus Crime and Safety Report
Under the Regulations of the Safe and Drug-Free Schools and Communities Act and the Jeanne Clery Act (formerly the Campus Security Act), the University is required annually to distribute to all faculty, staff and students a copy of the Annual Crime Report and the University's Policies and Procedures related to alcohol, other drugs, and sexual assault. These regulations permit us to publish this report electronically, and the current report is available on the internet at http://www.uml.edu/police.

Bookstore Locations
UML North — Falmouth First Floor, (978) 934-2623
UML South — UML South Dining Hall, (978) 934-6908

Please call the Bookstore to confirm the location of your textbook.

Students taking online courses can order books through the UMass Lowell Bookstore at http://umlowell.bkstore.com

NOTE: Veterans' Information
Veterans must be matriculated in an undergraduate degree program and have all appropriate paperwork on file in the Registrar's Office, UML South, Dugan Hall 101, 883 Broadway Street, Lowell. For additional information, please see the website at http://www.uml.edu/admin/registrar/veterans/Veterans_Tuition_Waiver.html for detailed information. Veterans' waivers are available for on-campus undergraduate courses provided there is a sufficient number of tuition-paying students enrolled to bear the cost of instruction and provided there is space available. Due to the high cost of online, blended and off-campus courses, there are no waivers available for these courses. There are no waivers for Directed Studies, Departmental Exams, Practicums, and Internships. Merit and Need-Based Assistance Grants for online courses may be available to veterans who are presently enrolled in undergraduate degree and certificate programs and who are making satisfactory academic progress towards their degrees or certificates.

International Students
International students registering for continuing studies classes or enrolling in programs must provide proof of non-immigrant status. Please submit a copy of your current visa document, visa stamp and I-94 card, with your registration form. Students with F-1 or J-1 visa status must provide a copy of their Form I-20 or Form DS-2019. These students are not permitted to be enrolled in a degree program or in full-time status. F-1 and J-1 students must have the consent of their F-1 or J-1 U.S. sponsoring institution. The ultimate responsibility to know and follow the U.S. Citizenship & Immigration Services (USCIS) regulations rests upon the student themselves. Students holding B-1, B-2, may not register for any academic classes. Students on F-2 status may not register for full-time classes or be enrolled in a degree program. Please contact the International Students and Scholars Office at ISSO@uml.edu with any questions.

Third-Party Payment
All students using company direct payment, military plans, state tuition waivers, or veterans' waivers must mail original authorization forms to UMass Lowell, Student Financial Services Office, 883 Broadway Street, Room 101, Lowell, MA 01854-5110. Copies and/or faxes of tuition waivers cannot be honored. No tuition refund is awarded for late submission of eligibility forms. Students receiving company reimbursement must prepay their own tuition. The University does not honor company reimbursement contingent upon grades.

NOTE: Senior Citizens
Senior citizens (60 years or older) who are Massachusetts residents may attend on campus classes in Continuing Studies credit programs tuition-free provided that there is a sufficient number of tuition-paying students enrolled to bear the cost of instruction and provided there is space available. **Please note that waivers are not retroactive and do not cover registration and other fees.** Proof of Massachusetts residency and birth date must be provided annually at the time of registration. There are no waivers available for online, blended and off-campus courses.

Refund Schedule for Tuition and Fees
Students who withdraw from the University or drop all of their courses during the add/drop period will receive a 100% adjustment to tuition and fees for the semester except for the following:
1) The Continuing Studies $30.00 non-refundable Registration Fee per term.
2) Students who are suspended or expelled for disciplinary reasons will forfeit all rights to a tuition and fee adjustment.

Financial $ Information

Tuition is priced on the listed credit hour unless the contact hour is different. Tuition is then based on the listed contact hour. See information on Financial Aid and Scholarships on our website at http://continuinged.uml.edu.

Tuition and Fee Information	Per Credit/Contact Hr.
Undergraduate Face-to-Face Tuition	$315.00
Undergraduate Audit	$315.00
Undergraduate Off-Campus Courses/Audit*	$290.00 to $340.00
Undergraduate Online Courses	$340.00
Undergraduate Online Courses Audit	$340.00
Graduate Online, On-Campus, and Off-Campus Courses and Audit (except M.B.A.Online and Education Courses)	$510.00
Graduate Education Courses	$415.00
M.B.A. Online Courses	$560.00
Registration Fee per Term (non-refundable)	$30.00
Late Fee for Non Payment	$50.00
Fee for Undergraduate Degree application	$40.00

Please note: Cost per credit includes access fee (parking and access to Blackboard).

*Note: Some tuitions may vary depending on customization and customer and program requirements.

Please note: Graduate students will be assessed a "First-Year Student Services Fee" upon matriculation into a graduate degree or certificate program. Please see the Student Financial Services website at http://www.uml.edu/admin/ar/tuition.html for more information. Students who have checks returned due to insufficient funds will be charged a $30.00 insufficient funds fee.

Payment Options
Payments may be made by cash, check, money order, M/C, Visa and Discover. Mail payments (made payable to UMass Lowell) to:

UMASS LOWELL
Attn: Bursar's Office
883 Broadway St., Room 103
Lowell, MA 01854-5109

Payments may also be made in person at the cashier's window, Room 103, Dugan Hall, UML South.

Please note, a cash payment cannot be accepted after 4 pm. Students may also make a payment or view accounts online by logging onto the Intercampus Student Information System (ISIS).

Overdue Accounts
Students will be permitted to attend class and to utilize facilities only after they have cleared all their financial obligations to the University. In addition, student transcripts and diplomas will not be released until all debts have been paid. All students are advised that the University uses the services of collection agencies authorized under the Commonwealth's Master Service Agreement. Students with a prior semester balance who are not enrolled for the current semester and are referred to a collection agency are held liable for all associated collection costs, which may be substantial.

Directed Studies
Directed Studies, Departmental exams, Practicums, Internships, Applied Music Lessons, etc. are considered Special Programs and, as such, tuition remission, waivers, and certificates of eligibility cannot be accepted.

Academic Calendar
Summer 2010

Continuing Studies offers students a variety of scheduling options to meet their needs.
1. Ten-week Online classes meet from May 24 through July 31
2. Twelve-week Online classes meet from May 24 through August 14.
3. A number of courses meet one day a week spanning May 24 through August 13.

May 24–June 30
Summer Session I

Face-to-Face Classes
Day classes begin on Monday, May 24.

M/W Evening classes begin on Monday, May 24 and include 2 FRIDAYS: June 4 and June 18 at the regularly scheduled hours.

T/Th Evening classes begin on Tuesday, May 25 and include 2 FRIDAYS: June 11 and June 25 at the regularly scheduled hours.

Final Examinations
Day Classes: June 29 for 3-credit courses, June 30 for 4-credit courses
M/W Evening Classes: Wednesday, June 30
T/Th Evening Classes: Tuesday, June 29

July 6–August 14
Summer Session II

Face-to-Face Classes
Day Classes begin on Tuesday, July 6.

M/W Evening classes begin on Wednesday, July 7 and include 3 FRIDAYS: July 16, July 30 and August 13 at the regularly scheduled hours.

T/Th Evening classes begin on Tuesday, July 6 and include 2 FRIDAYS: July 23 and August 6 at the regularly scheduled hours.

Final Examinations
Day Classes: August 9 for 3-credit courses, August 12 for 4-credit courses
M/W Evening Classes: Friday, August 13
T/Th Evening Classes: Thursday, August 12

Add/Drop Period

Undergraduate		Add	Drop
On-Campus Course			
Summer I	without permission	5/28	6/7
5/24-6/30 (Section 01X)	with permission	6/7	
Summer II	without permission	7/9	7/19
7/6-8/13 (Section 02X)	with permission	7/19	
Accelerated Online Courses (10-Week)			
5/24 -7/31 (Section 06X)	without permission	5/28	6/7
	with permission	6/7	
Full-Term Online Courses			
5/24-8/14 (Section 03X)			
Full Term Face-to-Face (Spanning both sessions)			
5/24-8/13 (Section 02X)		6/7	6/7

Graduate		Add	Drop
On-Campus and Off-Campus Courses			
Summer I	without permission	6/7	6/7
5/24-6/30 (Section 02X and 04X)			
Summer II	without permission	7/19	7/19
7/6-8/13 (Section 01X and 04X)			
Accelerated Online Courses (10-Week)			
5/24-8/14 (Section 03X)			
Full-Term Online Courses			
5/24-8/13 (Section 03X)			
Full Term Face-to-Face (Spanning both sessions)			
5/24-8/13 (Section 02X)		6/7	6/7
8-Week Online Courses (MBA)			
5/24-7/17 (Section 031)		6/7	6/7

Add/Drops can be processed in ISIS or Registrar's Office, UML South, Dugan Hall 101, 883 Broadway Street, Lowell.

Withdrawal with "W" Notation

Undergraduate	
On-Campus Courses	
Summer I	
5/24-6/30 (Section 01X)	6/18
Summer II 7/6-8/14	
7/6-8/14 (Section 02X)	7/30
Accelerated Online Courses (10-Week)	
5/24 -7/31 (Section 06X)	7/16
Full-Term Online Courses	
5/24-8/14 (Section 03X)	7/30
Full Term Face-to-Face (Spanning both sessions)	
5/24-8/13 (Section 02X)	7/30

Graduate	
Summer I	
5/24-6/30 (Section 01X and 04X)	6/23
Summer II 7/6-8/13	
7/6-8/13 (Section 02X and 04X)	8/6
Accelerated Online Courses (10-Week)	
5/24 -7/31 (Section 06X)	7/23
Full-Term Online Courses	
5/24-8/14 (Section 03X)	8/6
Full Term Face-to-Face (Spanning both sessions)	
5/24-8/13 (Section 02X)	8/6
8-Week Online Courses (MBA)	
5/24-7/17 (Section 031)	7/9

Students withdrawing from any class can do so by using ISIS, http://isis.uml.edu. Verbal messages to faculty and staff do not constitute official notification.

3) Any book voucher monies advanced to students and used at the bookstore. Students should contact Barnes and Noble at (978) 934-2623 for the bookstore refund policy on books and materials purchased directly from them.
4) Residence hall charges and meal plan charges follow a different refund schedule. Students should contact the Residence Life Office at (978) 934-5115 for further assistance.

Please note: There are no adjustments to tuition and fee charges if students withdraw or drop classes after the add/drop period of the academic semester.

Student records will be cleared and appropriate refunds will be awarded only after outstanding University bills (library fines, parking fines, etc.) are paid and all University-owned property is returned. If debts remain unpaid, students' academic permanent records will not be released and students will not be readmitted to the University.

Health Insurance
All students enrolled in 9 or more credits will be charged for health insurance. Students who have comparable health insurance may apply on ISIS to waive the charge. Please see the Student Financial Services website and the Health Services website at www.uml.edu. Please note that all students who withdraw from or drop all of their classes within the first 30 days (calendar days) of the academic semester are not allowed to be enrolled in the University student health insurance plan.

Financial Aid
All students who are financial aid recipients are reminded that their aid is also reduced and the financial aid adjustment schedule may be different than what has been stated above as required by federal law. Students are strongly encouraged to discuss these issues with a financial aid counselor prior to withdrawing. Please note that money will be returned to the applicable financial aid assistance programs before any money is disbursed to the student.

Graduate Teaching and/or Research Assistants
A limited number of teaching and research assistantships are available for matriculated, full-time (minimum of 9 credits/semester) graduate students in good academic standing. Assistantships are assigned by the student's department and are subject to the agreement between UMass Lowell and UAW/Graduate Employees Organization. Therefore, all requests for teaching assistantships should be directed to the departmental graduate coordinator or chairperson. Note: CSCDE courses are not automatically covered by the TA and RA tuition and fee waiver. TAs and RAs should contact the Coordinator of Graduate Programs at (978) 934-2173 for rules and procedures governing dispensation.

Correct Social Security Number/Tax Identification Number
The University of Massachusetts Lowell must obtain your correct social security number (SSN) to file certain information returns with the IRS as well as to furnish a statement to you. The returns the University must file contain information about qualified tuition and related expenses (Form 1098-T, Tuition Payments Statement). The information about your tuition will help to determine whether you, or the person who can claim you as a dependent, may take the Hope credit or Lifetime Learning credit to reduce the federal income tax.

For additional information on Financial policies and procedures, see www.uml.edu/admin/ar

Academic Information

The University of Massachusetts Lowell is accredited by the New England Association of Schools and Colleges, which accredits schools and colleges in the six New England states. Membership in the Association indicates that the institution has been evaluated carefully and meets the standards agreed upon by qualified educators. The Bachelor degree programs in Civil Engineering Technology, Electronic Engineering Technology, and Mechanical Engineering Technology are accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology. The Bachelor of Science in Business Administration (BSBA) is accredited by the AACSB — The International Association for Management Education.

Catalog
Students should refer to the Continuing Studies and Corporate Education catalog for rules, regulations, program outlines, and course descriptions. The catalog is available online at http://continuinged.uml.edu.

Admission into an Undergraduate Certificate or Degree Program
Students who have graduated from high school or who have earned a high school equivalency certificate are invited to apply for programs leading to a Certificate or an Associate's or Bachelor's degree. Applications for all programs are accepted on a rolling admissions basis. Please send applications to UML Admissions/Continuing Studies, Corporate and Distance Education, c/o Kathleen Shannon, Dugan Hall 110, 883 Broadway Street, Lowell, MA 01854-5104. Note, there is a $40 application fee for admission into the undergraduate degree programs. Please mail the fee along with your completed degree program application form. For a listing of our degree and certificate programs, please see pages 3, 4, 5 and 6. A student enrolled in any of our degree or certificate programs should schedule an appointment with the appropriate program

advisor to help plan a schedule for degree or certificate completion. Please call Continuing Studies at (978) 934-2474 to learn about our programs or see our website at http://continuinged.uml.edu

Admission into a Graduate Certificate or Degree Program
Students interested in applying for Graduate degree or certificate programs should access the application on the Graduate Admissions website at: www.uml.edu/grad. For a complete list of requirements and Program Coordinators, go to: http://www.uml.edu/grad/Overview.html. Students with Bachelor's degrees from accredited institutions may be eligible to enroll as non-degree students prior to formally matriculating into a Graduate degree or certificate program. The non-degree form, including instructions, is available at: http://www.uml.edu/admin/registrar/forms.html

Undergraduate Degree Completion
Students who expect to complete their degree requirements in the 2009-2010 academic year must arrange for a graduation interview. Please call Continuing Studies at (978) 934-2474. Students who anticipate graduating at the end of the Spring 2010 semester must complete the interview process by April 23, 2010. Students who anticipate graduating at the end of the Summer 2010 semester must complete the interview process by June 30, 2010. The University officially awards degrees to Summer graduates on September 1.

Commencement will be held on May 29, 2010.

Undergraduate Certificate Completion
When a student completes the necessary courses for a certificate program, the student should complete and submit a Certificate Award Petition and exit survey to Continuing Studies. See the Continuing Studies website under Miscellaneous Forms at http://continuinged.uml.edu

Please note: Students must have already applied for admission into a certificate program when completing the certificate requirement. Failure to do so may affect the date and receipt of the certificate award. Certificates are awarded three times a year: Spring, Summer and Fall.

Course Grades
Grades for the Summer semester will be available on ISIS, the Intercampus Student Information System.

Faculty & Student Support Information

Students are welcome to drop by Continuing Studies, located in the Paley Room, Southwick Hall 202, UML North from 8:30 am to 8:00 pm Monday-Thursday and 8:30 am to 5:00 pm Friday to obtain general information on Associate's and Bachelor's degrees and certificate programs, and/or to obtain brochures. Call (978) 934-2474 for information or email to Continuing_Education@uml.edu. For questions on Graduate programs, see the website at www.uml.edu/grad

Appointments with Faculty Program Coordinators
Students are encouraged to review their transcripts and their curriculum programs. Students may schedule appointments with Faculty Program Coordinators and Faculty and Student Support Specialists to discuss transcript issues, program degree requirements and other academic matters. In addition, Faculty Evening Supervisors are available to answer questions and conduct status reviews. Students are encouraged to call Continuing Studies and Corporate Education at (978) 934-2474 to schedule an appointment. Most appointments are held on UML North in the Faculty and Student Support Center. Appointments for the Liberal Arts programs are held in Coburn Hall, Room 105, UML South. Phone interviews also are available. You may also email your Program Coordinators and Faculty Support Specialists

Faculty Program Coordinators and Advisors
Biology, Chemistry, Environmental Science, Physics:
  Paul Damour, Associate Professor
Civil Engineering Technology:
  Michael Berry
Electronic Engineering Technology:
  Fahd Wakim, Professor
Information Technology:
  Ann Marie Hurley, Professor
Liberal Arts, Criminal Justice, Paralegal Studies:
  Joseph Lipchitz, Professor
Mathematics: Alan Doerr, Professor
Mechanical Engineering Technology:
  Robert Tuholski, Professor, Engineering
  Technology Department Head
  Glenn Sundberg, Associate Professor
Plastics Engineering Technology:
  Stephen Driscoll, Professor
Psychology:
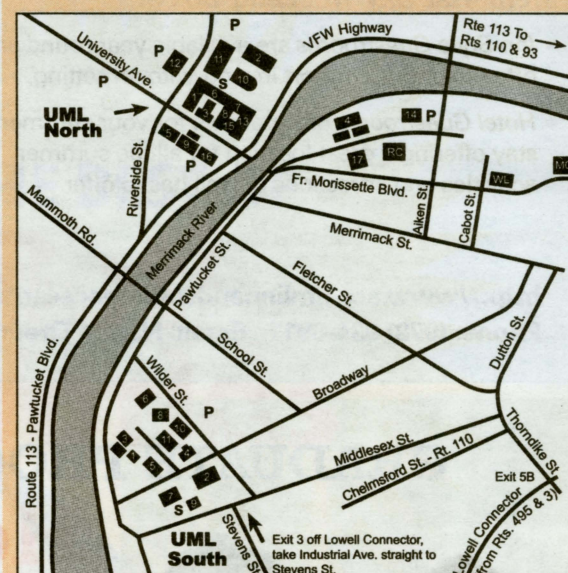 Mary Duell, Visiting Assistant Professor
  Richard Siegel, Professor

Faculty Evening Supervisors
Professor Alan Doerr
Professor Bernard Shapiro

Campus Information

North			South		
1	BL	Ball Engineering Ctr.	1		Allen House
2		Costello Gym	2	CO	Coburn
3		Cumnock Hall	3		Concordia Hall
4		Dormitories	4		Dining Hall
5		Eames Hall	5	DU	Dugan Hall
6	EB	Engineering	6	DR	Durgin Hall
7	FA	Falmouth	7	MA	Mahoney Hall
8	KI	Kitson	8	OL	O'Leary Library
9	LL	Alumni/Lydon Library	9		Power Plant
10	EC	Pinanski	10	SU	Student Union
11	OH	Olney	11	WE	Weed Hall
12	OS	Olsen	P		Parking
13	PA	Pasteur	S		Security
14		Research Foundation			
15	SO	Southwick Hall			**Downtown**
16		Smith Hall		MO	Mogan Center
17	FOX	Fox Student Union		WL	Wannalancitt
RC		Recreation Center			UMass Lowell Inn &
P		Parking			Conference Center
S		Security			(not on map)

Directions
For UMass Lowell online directions, go to www.uml.edu/maps.
For UMass Lowell directions by phone, call (978) 934-5800.

Parking & Decals
New parking permits are required for all Continuing Studies students. Complete parking information and the permit registration form are available at http://parking.uml.edu. Permits are also available at the Access Offices in the UML South Dining Hall. Please note that cost for the parking permit for CSCDE students is included in the per credit hour tuition cost.

The permit entitles students to park in any commuter parking lot. Students and faculty should not compromise public safety by blocking access of fire lanes, ambulance and other emergency vehicles Students and faculty should not park in handicap spaces unless they display a handicap sticker. Student and faculty cars will be towed and/or ticketed for violations. In addition, the Lowell Police will tow student and faculty cars if cars are parked in "Residential Parking" areas. Please call the Access Services Office at (978) 934-4211 for additional information.

Locating Your Classroom
Refer to the map and building key above to locate where your class will be held. If your class has not been assigned a classroom when you register, please check ISIS Web Self-Service at http://isis.uml.edu.

Campus Transportation
UMass Lowell provides day and evening transportation for students and staff. Check out our Transportation Services website for updated information and services at: http://www.uml.edu/student-services/transportation_services/ Need a ride? Dial 978-934-2222

GRADUATE PROGRAMS FOR
Healthcare Professionals

Interested in advancing your career as a health professional, but pressed for time? Consider UMass Lowell's New Blended Program in Health Management & Policy.

Earn a Master's Degree or Graduate Certificate in
Health Management & Policy

Certificates include:
- Health Management
- Health Informatics
- Health Policy

Summer 2010 "Blended" Health Management & Policy Courses Featuring Both Face-to-Face and Online Class Sessions

Summer I Course: May 24 – June 30, 2010
32.502-041 Organizational Behavior in Healthcare

Summer II Courses: July 6 – August 13, 2010
32.506-041 Quantitative Methods in Healthcare Management
32.607-041 Health Care Information Systems

Visit http://continuinged.uml.edu/hmp for more details on these courses or the graduate degree & certificates in Health Management and Policy.

REGISTRATION FORM FOR COURSES

Registration form is for *NEW UMass Lowell Continuing Studies students only*. Current UML students should register online at http://isis.uml.edu.

Note: Please remember to fill in your work, home phone numbers and email address. This will allow us to reach you in case of class cancellations.

University of Massachusetts Lowell

Mail to University of Massachusetts Lowell, Registrar's Office, Dugan Hall, Room 101, 883 Broadway St, Lowell, MA 01854-5104 OR FAX to: (978) 934-4076
Call the Registrar's Office at (978) 934-2550 for assistance.

PLEASE USE INK AND PRINT

CHECK APPROPRIATE REGISTRATION STATUS:

☐ Undergraduate Credit   ☐ Graduate Credit   ☐ Noncredit

Citizenship: ☐ Native or naturalized citizen   ☐ Permanent resident (w/valid alien registration card, refugee, or asylum visa)

☐ Not a citizen of the US; Country of citizenship: _____
☐ Approved visa: H1___ H4___ J2___ K-3___ L1___ L2___ TN___ TD___

International students living in the US may take only one online course per semester. Contact International Students and Scholars Office at ISSO@uml.edu.

Student ID/SSN# (for new students only): _____

Name _____

Street & No. _____

City & State _____   Zip Code _____

Date _____

Gender ☐ M ☐ F   Date of birth _____

Work phone _____   Home phone _____

Cell phone, for emergency purposes _____

Email _____

Race/Ethnicity: Are you Hispanic or Latino?   ☐ Yes   ☐ No

Please check one or more of the following groups in which you identify yourself:
☐ Asian ☐ Black or African American ☐ Native Hawaiian or Pacific Islander
☐ American Indian or Alaskan Native   ☐ White

Change of name or address since last registration?   ☐ Yes   ☐ No

Former name _____

Signature _____

COURSES FOR WHICH YOU ARE REGISTERING

ISIS Class No.	Course Number	Course Title	Credits/Contact Hrs.
		SUMMER I	
		SUMMER II	

Tuition and Fees

Tuition	
Registration Fee ($30 per Term)	
Total	$

Please do not send payment. You will be billed for tuition and fees by the University.

Confirmation of your registration will be under your account at http://isis.uml.edu. (A user ID and password will be sent to you by mail upon receipt of your registration.)
Online Students: Go to https://continuinged.uml.edu/login one to two business days after registration in order to check your access.

Verification of Baccalaureate Degree:

Only for students who are not matriculated into a Graduate Program and are registering for Graduate courses. An unofficial transcript must be submitted within 30 days of registration.

Institution	Major	Degree Earned	Degree Date